PubMed and Beyond: Clinical Resources from the National Library of Medicine

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National Network of Libraries of Medicine, Middle Atlantic Region

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Objectives

Find patient education information using MedlinePlus and Genetics Home Reference

Access drug information using Drug Information Portal

Find clinical trials by condition and limit to those with results in ClinicalTrials.gov



Objectives



Find systematic reviews in PubMed Health and PubMed/MEDLINE

Use Clinical eCompanion and understand its target audience



Schedule

- 9:45-10:45: Consumer health resources

 MedlinePlus, HealthReach, Genetics Home
 Reference
- **10:55-11:45: Drug resources**DailyMed, Pillbox, Drug Information Portal
- **1:15-2:15: Research resources**PubMed, clinicaltrials.gov
- 2:30-3:45: Clinical effectiveness resources
 - PubMed Health, National Guideline Clearinghouse, Clinical eCompanion



Patient Education





Your Guide to Understanding Genetic Conditions







MedlinePlus

- NLM main portal for consumer health information
- Available in English and Spanish
- Offers information on over 1,000 health topics, medications and supplements



MedlinePlus.gov



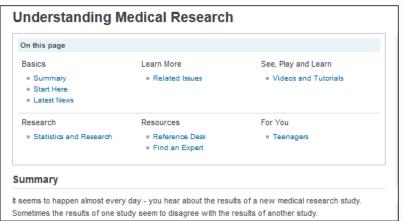
MedlinePlus topic pages

- Bedbugs
- Cardiac rehabilitation
- Caregivers
- Coping with chronic illness
- Elder abuse
- Food allergy

- Gay, lesbian, bisexual, and transgender health
- Osteoporosis
- Prescription drug abuse
- Self-harm
- Tick bites

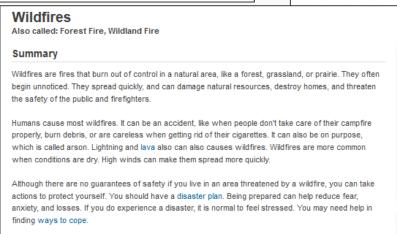


MedlinePlus Health Topics



Federal Emergency Management Agency







hurt to express your wishes? Advance ecisions about end-of-life care ahead of and health care professionals and to



MedlinePlus Drugs & Supplements

Drugs, Herbs and Supplements

Drugs

Learn about your prescription drugs and over-the-counter medicines. Includes side effects, dosage, special precautions, and more.

Browse by generic or brand name:

A B C D E F G H I J K L M N O P Q R S T U

V W X Y Z 0-9

For FDA approved labels included in drug packages, see DailyMed.

Herbs and Supplements

Browse dietary supplements and herbal remedies to learn about their effectiveness, usual dosage, and drug interactions.

All herbs and supplements



Lab Test Information

Red Cell Distribution Width

What is a Red Cell Distribution Width Test?

A red cell distribution width (RDW) test is a measurement of the range in the volume and size of your red blood cells (erythrocytes). Red blood cells move oxygen from your lungs to every cell in your body. Your cells need oxygen to grow, reproduce, and stay healthy. If your red blood cells are larger than normal, it could indicate a medical problem.

Other names: RDW-SD (standard deviation) test, Erythrocyte Distribution Width

What is it used for?

The RDW blood test is often part of a complete blood count (CBC), a test that measures many different components of your blood, including red cells. The RDW test is commonly used to diagnose anemia, a condition in whick your red blood cells can't carry enough oxygen to the rest of your body. The RDW test may also be used to diagnose:



Health Topics

Find information on health, wellness, disorders and conditions



Drugs & Supplements

Learn about prescription drugs, over-the-counter medicines, herbs, and supplements



Videos & Tools

Discover tutorials, health and surgery videos, games, and quizzes



Lab Test Information

Learn why your doctor orders laboratory tests and what the results may mean



Medical Encyclopedia

Articles and images for diseases, symptoms, tests, treatments

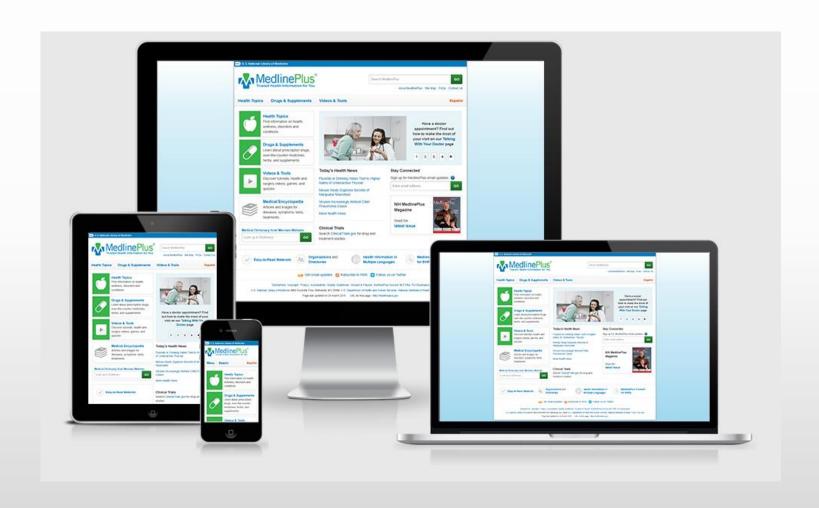


Quality Guidelines

- Accurate, science- based information
- Information appropriate for MedlinePlus audience & easy to use
- List of links are reviewed
- Preference given to pages free from advertising
- Availability and maintenance of webpage



Available on Any Device





MedlinePlus

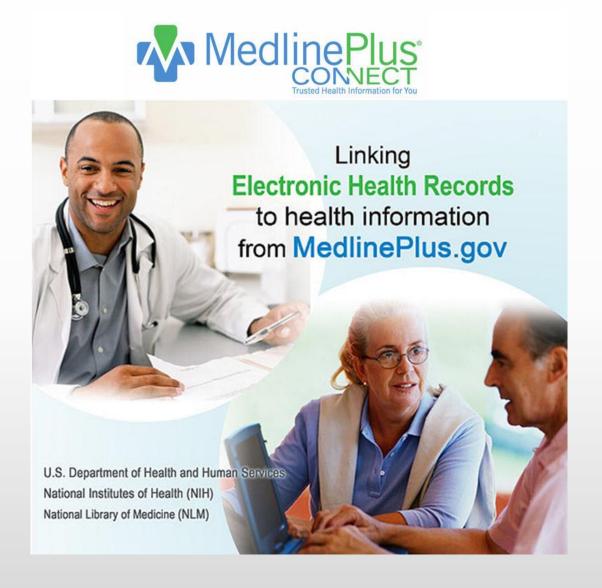
A cardiologist frequently has patients ask for a picture of a stent to better understand a recommended procedure. Locate this patient education information.



MedlinePlus.gov

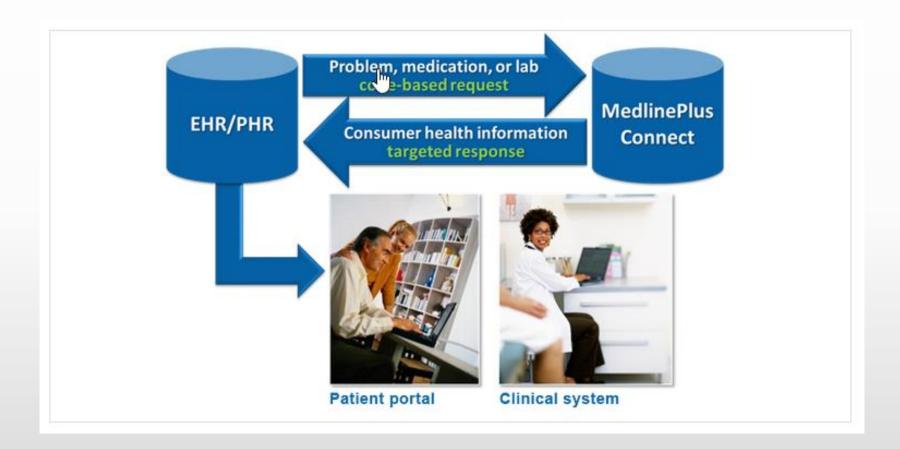


MedlinePlus Connect



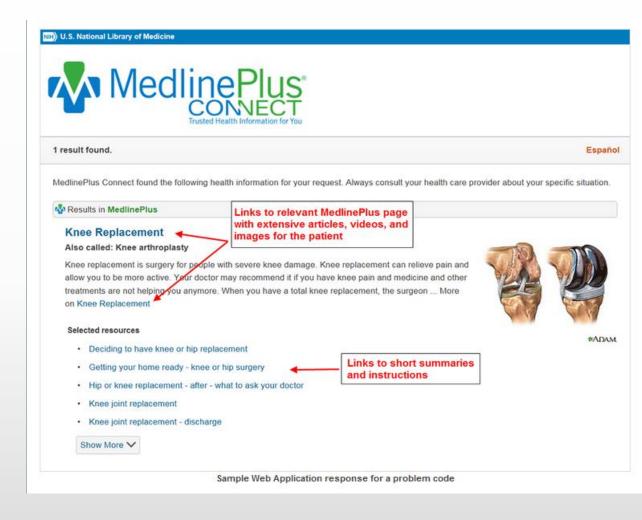


MedlinePlus Connect





MedlinePlus Connect



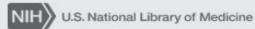
MedlinePlus Connect

Online web application demonstration

More information about MedlinePlus Connect is available at: medlineplus.gov/connect







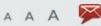
Home

Patient Materials

Provider Information

A-Z Index





Search

Patient Materials

Provider Information

Search All



Patient Materials

Find culturally relevant information in multiple languages and formats about health conditions and wellness topics



Provider Information

Discover resources, cultural backgrounders, clinical tools, and guidance about specific immigrant, refugee, and asylee populations



A-Z Index

Browse the entire collection of patient education materials and provider information tools by topic or category



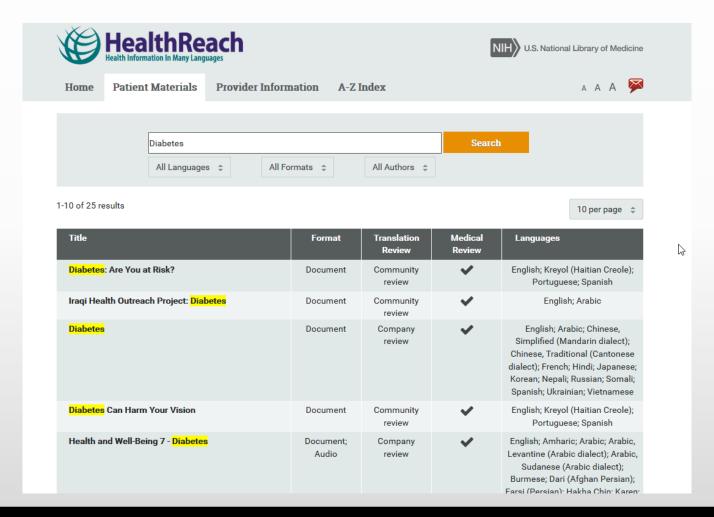
Information available in HealthReach

- Health education materials in various languages and formats (brochures, fact sheets, videos)
- Provider tools (including best practices, cultural information, and effective use of interpreters)
- Special collections on Emergency and Disaster,
 Women's Health and Mental Health
- English language collection on Opioid use/treatment that will be translated in 2018

Healthreach.nlm.nih.gov



Patient materials in HealthReach





Diabetes

Diabetes is a disease in which your body cannot properly use the food you eat for energy. Your cells need energy to live and grow.

When you eat, food breaks down into a form of energy called glucose. Glucose is another word for sugar. The glucose goes into your blood and your blood sugar rises. Insulin is a hormone made by your pancreas. It helps glucose move from your blood into your cells so your body can use it for energy. People cannot live without insulin.

There are three main types of diabetes.

- In Type 1 diabetes, the pancreas makes no insulin.
- In Type 2 diabetes, the pancreas does not make enough insulin or your body is not able to use the insulin the pancreas makes.
- In gestational diabetes during pregnancy, the mother is not able to make enough insulin to cover the needs of both mother and baby.

داء السكري هو مرض يؤدي إلى عدم قدرة الجسم على الاستفادة من الطعام الذي يتناوله الإنسان في توليد الطاقة المناسبة، فخلايا الجسم تحتاج للطاقة أي تعيش وتنمو.

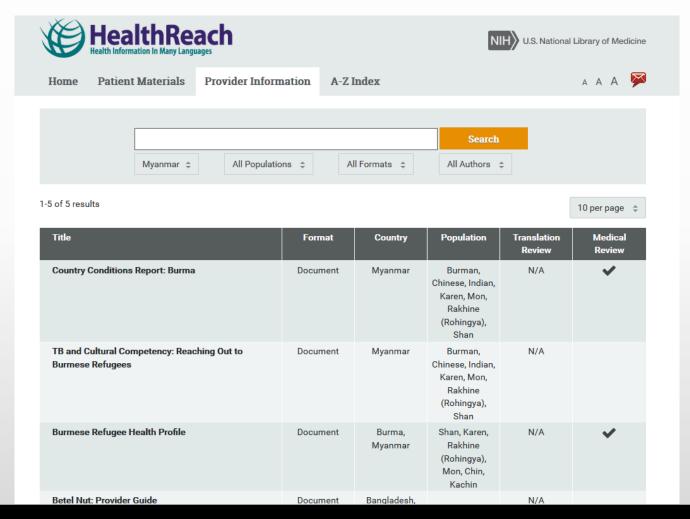
عندما يأكل الإنسان فإن الطعام يتحلل إلى شكل من أشكال الطاقة يعرف بالجلوكوز. وكلمة جلوكوز هي المرادف لكلمة سكر. وينتشر الجلوكوز في الدم فترتفع نسبة السكر في الدم. وهنا يأتي دور الأنسولين، وهو هرمون يفرزه البنكرياس. فالأنسولين يساعد الجلوكوز على الانتقال من الدم إلى الخلايا حتى يستطيع الجسم استخدامه في توليد الطاقة. ولذا فإن الإنسان لا يستطيع أن يعيش بدون الأنسولين.

وهناك ثلاثة أنواع رئيسية لداء السكري.

- في النوع الأول لا يقوم البنكرياس بإفراز الأنسولين.
- في النوع الثاني لا يقوم البنكرياس بإفراز ما يكفي من الأنسولين، أو لا يتمكن الجسم استخدام الأنسولين الذي يفرزه البنكرياس.
- أما في سكر الحمل فلا يتمكن جسم الأم من إفراز ما يكفي من الأنسولين لتلبية احتياجاتها واحتياجات الجنين أيضًا.



Provider materials in HealthReach





Torture Methods

FORCED LABOR continues and these camps are reportedly worse than in typical prisons. The food is often rice mixed with stones or rat feces. Proper medical care is almost nonexistent. The feet of prisoners are chained and they typically have to work long hours doing hard manual labor.

STRESS POSITIONS force prisoners to sit, squat, and stand in the same position for prolonged periods of time. The SEMIGWA DANCE, based on a traditional Burmese performance, forces prisoners to crawl over gravel on their knees and elbows with feet and hands in the air. The MOTORCYCLE POSITION requires prisoners to balance on the balls of their feet, imitating riding a motorcycle, while making engine noises. The AIRPLANE POSITION forces prisoners to balance on one foot while holding their arms and other leg out and simultaneously make airplane noises.

BEATINGS with batons, truncheons, rubber cords, bamboo sticks and broomsticks are used during interrogations if the prisoner cannot or does not answer questions to the satisfaction of the interrogator. Some report being tied head down to a seesaw and beaten for hours until the pressure in their head became unbearable. Prisoners report witnessing others being beaten to death.

BURNING with lighters and lit cigarettes has been reportedly used against political prisoners.

SEXUAL ASSAULT, RAPE and the threat of both have been used against both female and male political

Current Situation

Languages Spoken: Burmese (official), minority ethnic

groups have their own languages

Population: 55,746,253

Religion: Buddhist 89%, Christian 4% Muslim 4%, Animist

1%, other 2%

Ethnic Groups: Burman 68%, Shan 9%, Karen 7%, Rakhine 4%. Chinese 3%. Indian 2%. Mon 2%. other 5%

ETHNIC CLEANSING has resulted from ongoing violence since 1948 between the Burmese Army and minority ethnic groups. There are a 135 ethnic groups in Burma often classified into 8 groups. The military campaign targets minority groups such as the Karen, Chin, Shan, Rakhine, Arakanese, Mon, Kachin and Rohingya. Ethnic minority insurgent groups and civilians accuse the military of attacking villagers to assimilate them into mainstream Burman language, culture, and religion. Reports of torture against Kachin people accused of being affiliated with the Kachin Independence Army surfaced in 2014. As of 2015, ceasefire deals have been signed with all sixteen rebel groups. Yet, Rohingya continue to be targeted.

ELECTIONS were held in 2012 and were viewed as transparent and fair, leading to Aung San Suu Kyi being elected to parliament, as well as large scale political prisoner release. However, government reforms have stalled since 2014, when elections were canceled and constitutional reform has yet to be addressed. Discriminatory legislation aimed at disenfranchising Rohingya called the Rakhine State Action Plan, seeks to further segregate Rohingya with restrictions on whom they can marry, how many children they can have, religious freedoms, and freedom of movement.

HUMAN TRAFFICKING of men, women, and children

Country Conditions Repo



Opioid Misuse and Addiction Resources NEW

In response to the current opioid crisis, the National Library of Medicine partnered with <u>Healthy Roads Media</u> to produce a collection of materials that teach people about opioids and opioid misuse. The collection has 22 easy-to-read, English-language handouts, videos, and audio recordings.

Opioids

- Basics
- Pain
- · Prescription opioid medicines
- · Opioid pain medication management
- · What you should know if your child is prescribed opioids for pain
- · Getting rid of unused opioids

Opioid addiction

- · What is drug addiction?
- · Why do people take drugs?
- · Opioids and the brain
- Why do some people become addicted to drugs, while others do not?
- · The effects of opioid misuse on the body
- Fentanyl
- Heroin
- Prescription opioids and illegal opioids What is the connection?
- Comorbidity or dual diagnosis
- Pregnancy and opioids
- Drug abuse and adolescents
- Stigma and opioids

Opioid treatment

- Treatment basics
- · Medications and behavioral therapies
- · Drug abuse treatment as part of healthcare
- · Preventing overdoses and overdose deaths

In 2018, these materials will be culturally reviewed and translated into additional languages.



HealthReach

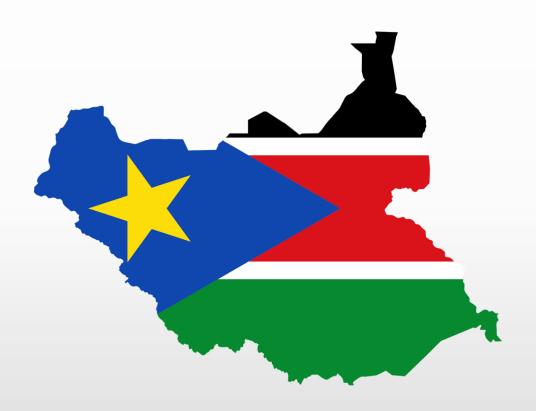
Locate some information about the health effects of using smokeless tobacco for someone who speaks Chinese (traditional).

Healthreach.nlm.nih.gov



HealthReach

A provider has seen an increase in patients from South Sudan. Find some information that will help them learn more about this country.



Healthreach.nlm.nih.gov





Your Guide to Understanding Genetic Conditions

MENU =



Genetics Home Reference provides consumerfriendly information about the effects of genetic variation on human health.





Health Conditions

More than 1,200 health conditions, diseases, and syndromes

Browse A-Z



New & Updated Pages

New Pages

combined oxidative phosphorylation deficiency 1

spastic paraplegia type 5A

DNMT3A overgrowth syndrome



Uses for Genetics Home Reference

Consumers can search for information about:

- Genetic health conditions
- Genes
- Chromosomes & DNA

Also available:

- Resources
- Help me understand genetics tutorial

ghr.nlm.nih.gov





Your Guide to Understanding Genetic Conditions

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Help Me Understand Genetics

Andersen-Tawil syndrome

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▼ Description

Anderson-Tawil syndrome is a disorder that causes episodes of muscle weakness (periodic paralysis), changes in heart rhythm (arrhythmia), and developmental abnormalities. The most common changes affecting the heart are ventricular arrhythmia, which is a disruption in the rhythm of the heart's lower chambers, and long QT syndrome. Long QT syndrome is a heart condition that causes the heart (cardiac) muscle to take longer than usual to recharge between beats. If untreated, the irregular heartbeats can lead to discomfort, fainting (syncope), or cardiac arrest.

Physical abnormalities associated with Andersen-Tawil syndrome typically affect the head, face, and limbs. These features often include a very small lower jaw (micrognathia), dental abnormalities, low-set ears, widely spaced eyes, and unusual curving of the fingers or toes (clinodactyly). Some affected people also have short stature and an abnormal curvature of the spine (scoliosis).

Two types of Andersen-Tawil syndrome are distinguished by their genetic causes. Type 1, which accounts for about 60 percent of all cases of the disorder, is caused by mutations in the <u>KCNJ2</u> gene. The remaining 40 percent of cases are designated as type 2; the cause of these cases is unknown.

Related Information

What does it mean if a disorder seems to run in my family?

What is the prognosis of a genetic condition?

Genetic and Rare Diseases Information
Center



Andersen Tawil syndrome

Synonyms: Andersen Syndrome; Andersen cardiodysrhythmic periodic paralysis; Long QT syndrome 7;

Periodic paralysis, potassium-sensitive cardiodysrhythmic type;

Potassium-sensitive periodic paralysis, ventricular ectopy, and dysmorphic features

Modes of inheritance: Autosomal dominant inheritance (HPO, OMIM, Orphanet)

Summary

Excerpted from the GeneReview: Long QT Syndrome

Long QT syndrome (LQTS) is a cardiac electrophysiologic disorder, characterized by QT prolongation and T-wave abnormalities on the ECG and the ventricular tachycardia torsade de pointes (TdP). TdP is usually self-terminating, thus causing a syncopal event, the most common symptom in individuals with LQTS. Syncope typically occurs during exercise and high emotions, less frequently at rest or during sleep, and usually without warning. In some instances, TdP degenerates to ventricular fibrillation and causes aborted cardiac arrest (if the individual is defibrillated) or sudden death. Approximately 50% of individuals with a pathogenic variant in one of the genes associated with LQTS have symptoms, usually one to a few syncopal spells. While cardiac events may occur from infancy through middle age, they are most common from the pre-teen years through the 20s. Some types of LQTS are associated with a phenotype extending beyond cardiac arrhythmia. In addition to the prolonged QT interval, associations include muscle weakness and facial dysmorphism in Andersen-Tawil syndrome (LQTS type 7), hand/foot, facial, and neurodevelopmental features in Timothy syndrome (LQTS type 8) and profound sensorineural hearing loss in Jervell and Lange-Nielson syndrome.

Full text of GeneReview (by section):

Summary Diagnosis Clinical Characteristics Genetically Related (Allelic) Disorders Differential Diagnosis Management Genetic Counseling

Resources Molecular Genetics References Chapter Notes

Authors:

Mariëlle Alders | Imke Christiaans | view full author information

Available tests

63 tests are in the database for this condition. Check Related conditions for additional relevant tests.

Clinical tests (63 available)

Molecular Genetics Tests

Deletion/duplication analysis (26)

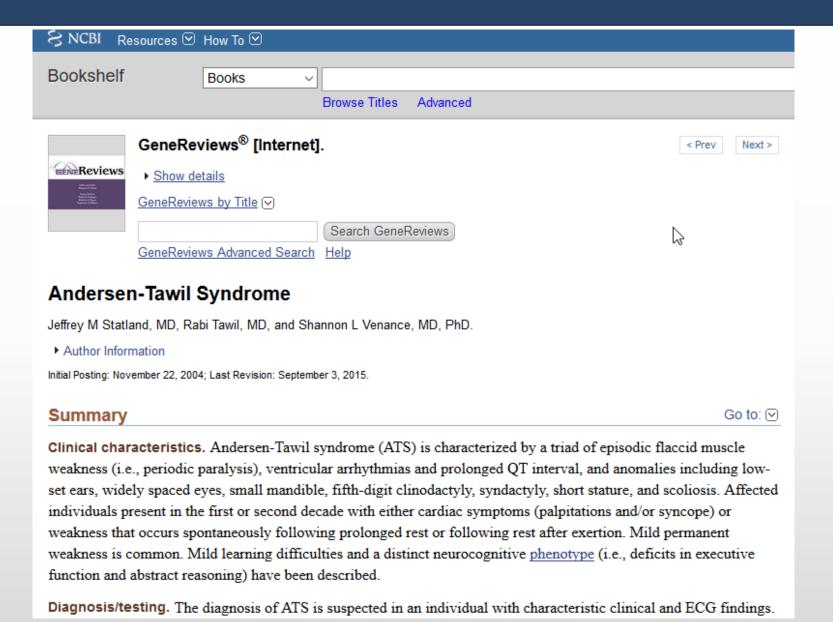
Targeted variant analysis (8)

Sequence analysis of the entire coding region (62)

Mutation scanning of the entire coding region (1)

Sequence analysis of select exons (2)







#170390

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Contributors

Creation Date

Edit History

170390

ANDERSEN CARDIODYSRHYTHMIC PERIODIC PARALYSIS

Alternative titles; symbols

ANDERSEN SYNDROME

LONG QT SYNDROME 7; LQT7

ANDERSEN-TAWIL SYNDROME; ATS

PERIODIC PARALYSIS, POTASSIUM-SENSITIVE CARDIODYSRHYTHMIC TYPE

Phenotype-Gene Relationships

Location	Phenotype	Phenotype MIM number	Inheritance	Phenotype mapping key	Gene/Locus	Gene/Locus MIM number
17q24.3	Andersen syndrome	170390	AD	3	KCNJ2	600681

Clinical Synopsis 🔻

Phenotypic Series 💌

▼ TEXT



A number sign (#) is used with this entry because Andersen-Tawil syndrome is caused by heterozygous mutation in the KCNJ2 gene (600681) on chromosome 17q24.

▼ Description

Andersen-Tawil syndrome is an autosomal dominant multisystem channelopathy characterized by periodic paralysis, ventricular arrhythmias, and distinctive dysmorphic facial or skeletal features.





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KCNJ2 gene

potassium voltage-gated channel subfamily J member 2

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▼ Normal Function

The KCNJ2 gene belongs to a large family of genes that produce potassium channels. These channels, which transport positively charged atoms (ions) of potassium out of cells, play key roles in a cell's ability to generate and transmit electrical signals.

The specific function of a potassium channel depends on its protein components and its location in the body. Channels made with the KCNJ2 protein are active in muscles used for movement (skeletal muscles) and heart (cardiac) muscle. In skeletal muscle, these channels play an important role in the pattern of muscle tensing (contraction) and relaxation that allows the body to move. In the heart, the channels are involved in recharging the cardiac muscle after each heartbeat to maintain a regular rhythm. Channels formed with the KCNJ2 protein may also be involved in bone development, but their role in this process is unclear.

Researchers have determined that a molecule called PIP2 must bind to channels made with the

Related Information

What is DNA?

What is a gene?

How do genes direct the production of proteins?

More about How Genes Work



Health Conditions

Genes

Chromosomes & mtDNA

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familial atrial fibrillation

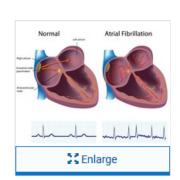
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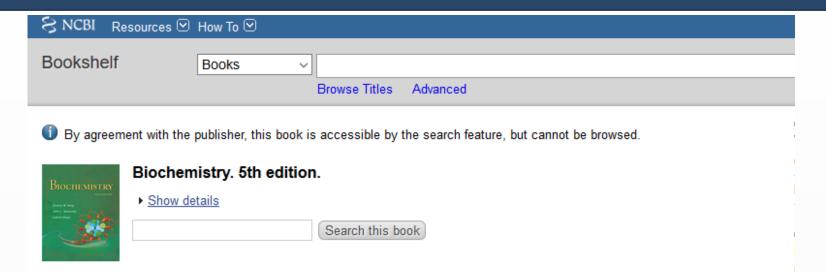
▼ Description

Familial atrial fibrillation is an inherited abnormality of the heart's normal rhythm. Atrial fibrillation is characterized by episodes of uncoordinated electrical activity (fibrillation) in the heart's upper chambers (the atria), which cause a fast and irregular heartbeat. If untreated, this abnormal heart rhythm (arrhythmia) can lead to dizziness, chest pain, a sensation of fluttering or pounding in the chest (palpitations), shortess of breath, or fainting (syncope). Atrial fibrillation also increases the risk of stroke and sudden death. Complications of atrial fibrillation can occur at any age, although some people with this heart condition never experience any health problems associated with the disorder.



- **▶** Frequency
- **▶** Genetic Changes





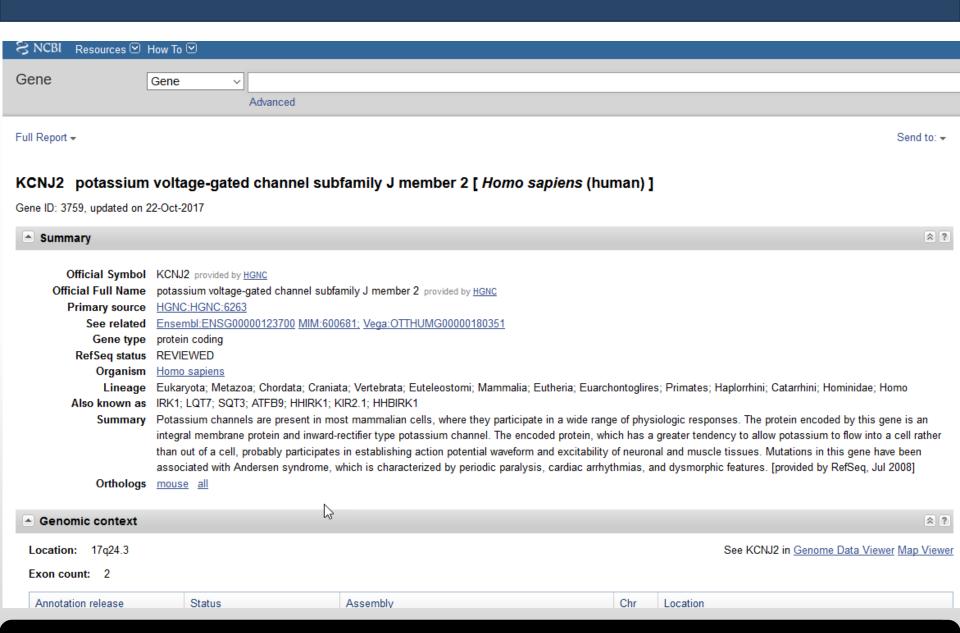
Section 13.5 Specific Channels Can Rapidly Transport Ions Across Membranes

Pumps and secondary transporters can transport ions at rates approaching several thousand ions per second. Other membrane proteins, *ion channels*, which are passive transport systems, are capable of ion-transport rates that are more than 1000 times as high. These rates of transport through ion channels are close to rates expected for ions diffusing freely through aqueous solution. Yet, ion channels are not simply tubes that span membranes through which ions can rapidly flow. Instead, they are highly sophisticated molecular machines that respond to chemical and physical changes in their environments and undergo precisely timed conformational changes that facilitate their roles as essential components of the nervous and other systems.

Several key properties characterize ion channels:

Ion channels can be highly selective for particular ions. For example, some channels allow the flow of K⁺ very
effectively but do not allow appreciable levels of Na⁺ to cross the membrane. Other channels transport positively
charged ions (cations), but block the flow of negatively charged ions (anions). The selectivities of some ion-











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chromosome 17

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▼ Description



Humans normally have 46 chromosomes in each cell, divided into 23 pairs. Two copies of chromosome 17, one copy inherited from each parent, form one of the pairs. Chromosome 17 spans about 81 million DNA building blocks (base pairs) and represents between 2.5 and 3 percent of the total DNA in cells.

Identifying genes on each chromosome is an active area of genetic research. Because researchers use different approaches to predict the number of genes on each chromosome, the estimated number of genes varies. Chromosome 17 likely contains 1,200 to 1,300 genes that provide instructions for making proteins. These proteins perform a variety of different roles in the body.

Related Information

What is DNA?

What is a chromosome?

How many chromosomes do people have?

▶ Health Conditions Related to Chromosomal Changes





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Resources

Help Me Understand Genetics

Resources Links to reliable ge

Links to reliable genetics resources on the web.

▶ Support and Advocacy



▶ General Genetics

▶ Genetic Testing

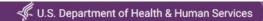
▶ Classroom Resources

▶ Clinical/Professional Resources



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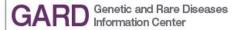
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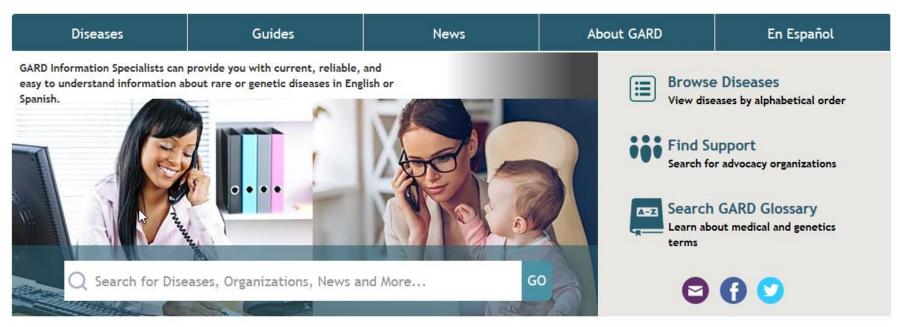








1-888-205-2311



About GARD

The Genetic and Rare Diseases Information Center (GARD) is a program of the National Center for Advancing Translational Sciences (NCATS) and is funded by two parts of the National Institutes of Health (NIH): NCATS and the National Human Genome Research Institute (NHGRI). GARD provides the public with access to current, reliable, and easy-to-understand information about rare or genetic diseases in English or Spanish.

Read more about GARD.





Your Guide to Understanding **Genetic Conditions**

Search

Health Conditions

Genes

Chromosomes & mtDNA

Resources

Help Me Understand Genetics



Help Me Understand Genetics

An introduction to fundamental topics related to human genetics, including illustrations and basic explanations of genetics concepts.

Printable PDF (6MB)

Open All

Printable Chapter PDF (1MB)

Close All

▼ Cells and DNA

What is a cell?

What is DNA?

What is mitochondrial DNA?

What is a gene?

What is a chromosome?

How many chromosomes do people have?





Your Guide to Understanding Genetic Conditions

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Help Me Understand Genetics

What is a cell?

Cells are the basic building blocks of all living things. The human body is composed of trillions of cells. They provide structure for the body, take in nutrier from food, convert those nutrients into energy, and carry out specialized functions. Cells also contain the body's hereditary material and can make copies of themselves.

Cells have many parts, each with a different function. Some of these parts, called organelles, are specialized structures that perform certain tasks within the cell. Human cells contain the following major parts, listed in alphabetical order:

Cytoplasm (illustration)

Within cells, the cytoplasm is made up of a jelly-like fluid (called the cytosol) and other structures that surround the nucleus.

Cytoskeleton

The cytoskeleton is a network of long fibers that make up the cell's structural framework. The cytoskeleton has several critical functions, including determining cell shape, participating in cell division, and allowing cells to move. It also provides a track-like system that directs the movement of organelles and other substances within cells.

Endoplasmic reticulum (ER) (illustration)

For more information about cells:

The National Institute of General Medical Sciences has a science education booklet about cells called Inside the Cell.

The Genetic Science Learning Center at the University of Utah offers <u>an</u> <u>interactive introduction to cells</u> and their many functions.

Arizona State University's "Ask a Biologist" provides <u>a description and illustration of each of the cell's organelles</u> .

Queen Mary University of London allows you to explore a 3-D cell and its parts .



Genetics Home Reference

What is one gene that is associated with Graves Disease?

ghr.nlm.nih.gov





Genetics Home Reference

What is a condition associated with chromosome 20?



ghr.nlm.nih.gov



Drug information













ALL DRUGS

HUMAN DRUGS

ANIMAL DRUGS

Enter drug, NDC code, drug class, or Set ID



MORE WAYS TO SEARCH:

ADVANCED SEARCH

BROWSE DRUG CLASSES

LABEL ARCHIVES

TABLET/CAPSULE ID TOOL

This website contains 97720 drug listings as submitted to the Food and Drug Administration (FDA).

At the present time, this Web site does not contain a complete listing of labels for approved prescription drugs.







NFWS

DailyMed Announcements

Posted: October 06, 2017

Drug Listing Certification is Coming

Slides and recordings from the FDA's October 5, 2017 meeting titled Electronic Drug Registration & Listing Using CDER Direct are now available.

http://sbiaevents.com/edrls-2017/

FDA GUIDANCES & INFORMATION

Drug Guidance, Compliance & Regulatory Information



View FDA Structured Product Labeling Resources

View FDA Drug Labeling Guidances

View All FDA Drug Guidances

NLM SPL RESOURCES

The following Structured Product Labeling (SPL) resources have



DailyMed

- Provides FDA label information
- Most up to date drug information submitted to the FDA
- Labels have been reformatted to make them easier to read
- Ability to search by drug name, class, or NDC code

dailymed.nlm.nih.gov



LABEL: ALOGLIPTIN AND METFORMIN HYDROCHLORIDE- alogliptin and metformin hydrochloride tablet, film coated









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Report Adverse Events

FDA Safety Recalls

Presence in Breast Milk

RELATED RESOURCES

Medline Plus

Clinical Trials

MORE INFO FOR THIS DRUG

Get Label RSS Feed

NDC Code(s): 45802-169-72, 45802-211-72

Packager: Perrigo New York Inc

Category: HUMAN PRESCRIPTION DRUG LABEL

DRUG LABEL INFORMATION

Updated March 20, 2017

If you are a healthcare professional or from the pharmaceutical industry please visit this version.





BOXED WARNING (WHAT IS THIS?)

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use ALOGLIPTIN AND METFORMIN HCL TABLETS safely and effectively. See full prescribing information for ALOGLIPTIN AND METFORMIN HCL

FULL PRESCRIBING INFORMATION: CONTENTS*

Table of Contents

1 INDICATIONS AND USAGE



- 1.1 Monotherapy and Combination Therapy Alogliptin and metformin HCl tablets are indicated as an adjunct to diet and exercise to improve glycemic control in adults ...
- 2 DOSAGE AND ADMINISTRATION
 - 2.1 Recommendations for All Patients Healthcare providers should individualize the starting dose of alogliptin and metformin HCl tablets based on the ...



LABEL: ALOGLIPTIN AND METFORMIN HYDROCHLORIDE- alogliptin and metformin hydrochloride tablet, film coated









VIEW PACKAGE PHOTOS





SAFETY

Boxed Warnings

Report Adverse Events

FDA Safety Recalls

Presence in Breast Milk

RELATED RESOURCES

Medline Plus

Clinical Trials

MORE INFO FOR THIS DRUG

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NDC Code(s): 45802-169-72, 45802-211-72

Packager: Perrigo New York Inc

Category: HUMAN PRESCRIPTION DRUG LABEL

DRUG LABEL INFORMATION

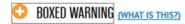
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VIEW ALL SECTIONS



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LABEL: ALOGLIPTIN AND METFORMIN HYDROCHLORIDE- alogliptin and metformin hydrochloride tablet, film coated















SAFETY

Boxed Warnings

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RELATED RESOURCES

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OFFICIAL LABEL (PRINTER FRIENDLY)



VIEW ALL SECTIONS

- BOXED WARNING (WHAT IS THIS?)
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functionality can also be found on other pages in the top right of the screen for a desktop/laptop or tablet. On a mobile device, the search tool is accessed by choosing the magnifying glass icon on the top right of the screen.

What is an NDC code?

Each listed drug product is assigned a unique 10-digit, 3-segment number. This number, known as the NDC, identifies the labeler, product, and trade package size. The first segment, the labeler code, is assigned by the FDA. The NDC code can be found on the outside packaging of the drug.

You can search with this number to find the exact drug you have. For example, the same drug may be produced by many different manufacturers or the same drug may have different dosages. The NDC code would be unique for all of them and can help you distinguish between those result results.

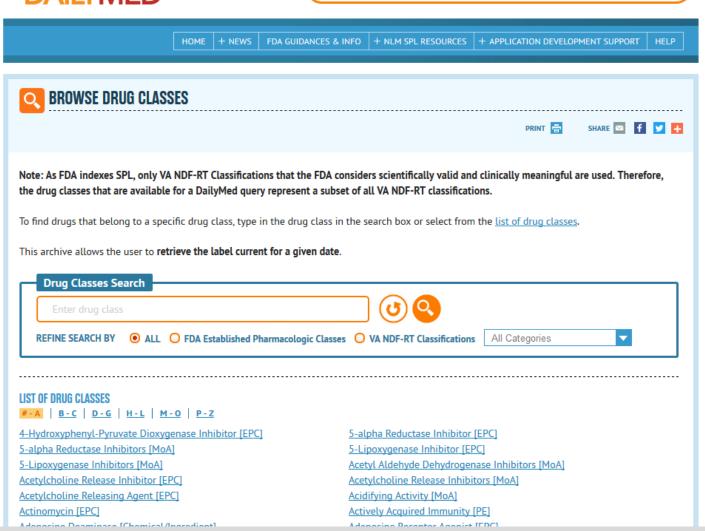
In the search results you many also see a "NDC Item Code (source)." This refers to the NDC code for the original packaging. The other NDC codes refer to repackaged versions.

















Home About FAQ Developer Contact Us Identify or Search for a Pill Imprint: Drug Name or letters or numbers on either side of the t Ingredient(s): Pill does not have an imprint. Inactive Shape: Select Shape Ingredient(s): Find pills WITHOUT this ingredient. Color: Label Author: Select Color DEA Schedule: Size: Select Size (search +/- 2mm) Select DEA Schedule Ounknown O1 O2 O3 O4 Product Code: Score: ☑ Do not search repackaged and relabeled medications.

Clear

Search

Discover

There's more to a pill than how it looks. What's inside the pill other than the drug? Is it a controlled

Connect

Learn more than the pill's name. Pillbox links you to the drug label, clinical trials,



Pillbox

- Helps the user identify unknown pills based on physical description
- Provides drug related information once a pill is identified
- Links to other NLM drug resources for more in-depth drug specific information



pillbox.nlm.nih.gov







Home About FAQ Developer Contact Us

Identify or Search for a Pill

Imprint:	R;751 Pill does not have an imprint.	Drug Name or Ingredient(s):			
Shape:	Oval V	Inactive Ingredient(s):	Find pills WITHOUT this ingredient.		
Color:	White ~	Label Author:			
Size:	13 mm ~	DEA Schedule:	Select DEA Schedule		
Score:	●Unknown ○1 ○2 ○3 ○4	Product Code:	_		
	☑ Do not search repackaged and relabeled medications.				
Search Clear					







About

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Show Search Criteria

Search Results: 1 record(s) for "Oval | 13.00 (+/- 2mm) | White | R 751".



Name: Glyburide and Metformin Hydrochloride - Glyburide 1.25 MG / Metformin

hydrochloride 250 MG Oral Tablet

Ingredient(s): GLYBURIDE mixture with METFORMIN HYDROCHLORIDE

Imprint: R;751 Label Author: Actavis Elizabeth LLC

Show More Information Drug Label **Drug Information Links**

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Accessibility

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News and Features

NLM Resources

NLM Research Resources Resources by Audience / Class Other Resources

Mobile Site



Information available for 71,947 drugs.

By Name





- Show examples.
- Show drug category names, results, and descriptions.
- ▶ Show top "By Name" searches (previous seven days).
- ▶ Show top "By Category" searches (previous seven days).
- Show top dispensed prescriptions in the US Market, 2010.
- Show common drug names list.
- Show generic name stems list.
- Show list of resources searched.



Drug Information Portal

- Links to drug information from NLM and other government agencies depending on the user's information need
- Search multiple resources simultaneously
- Information on over 70,000 drugs
- Information for a variety of audiences



Druginfo.nlm.nih.gov



1 result for Name/Synonym equals METFORMIN 🗓

Drug Name: Metformin [USAN:INN:BAN]

View Synonyms

By Name

View Structure

A biguanide hypoglycemic agent used in the treatment of non-insulin-dependent diabetes mellitus not responding to dietary modification. Metformin improves glycemic control by improving insulin sensitivity

and decreasing intestinal absorption of glucose. (From Martindale, The Extra Pharmacopoeia, 30th

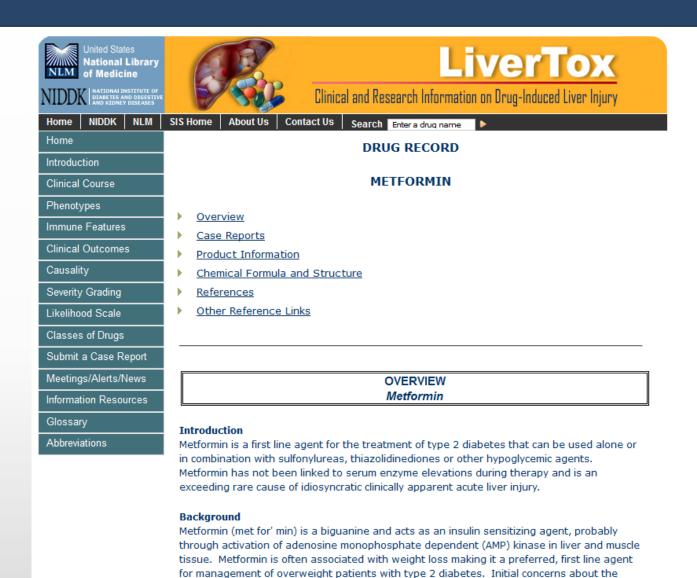
ed, p289)

Category: i Hypoglycemic Agents

Summary

- Summary of drug information (MedlinePlusDrug)
- ▶ i Summary of consumer health information (MedlinePlusTopics)
- Summary of the effect on breastfeeding (LactMed)
- ▶ i Summary of Drug-Induced Liver Injury (LiverTox)
- Summary of drug information and clinical research (PubMed Health)
- I Manufacturers drug label (DailyMed)
- Clinical trials (ClinicalTrials.gov)
- Drug Identification and Image Display (Pillbox)





possibility that metformin (like the related biguanine phenformin) could induce lactic acidosis have been largely resolved, although the agent is contraindicated in patients with renal dysfunction because of this reason and should be used with caution in patients with



i Drug Identification and Image Display (Pillbox)

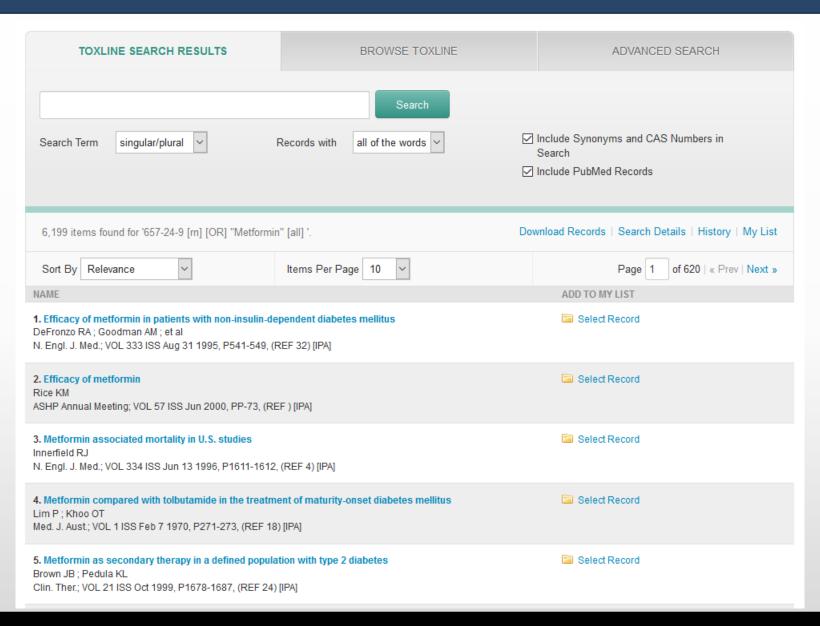
Detailed Summary

- ▶ i References from scientific journals (Medline/PubMed)
- ▶ i Full text biomedical articles (PubMed Central)
- i References from toxicological journals (TOXLINE)
- ▶ i Biological activities and chemical structures (PubChem)
- Biological activities against HIV/AIDS and other viruses (NIAID ChemDB)
- i Toxicological and chemical resources (ChemIDplus)

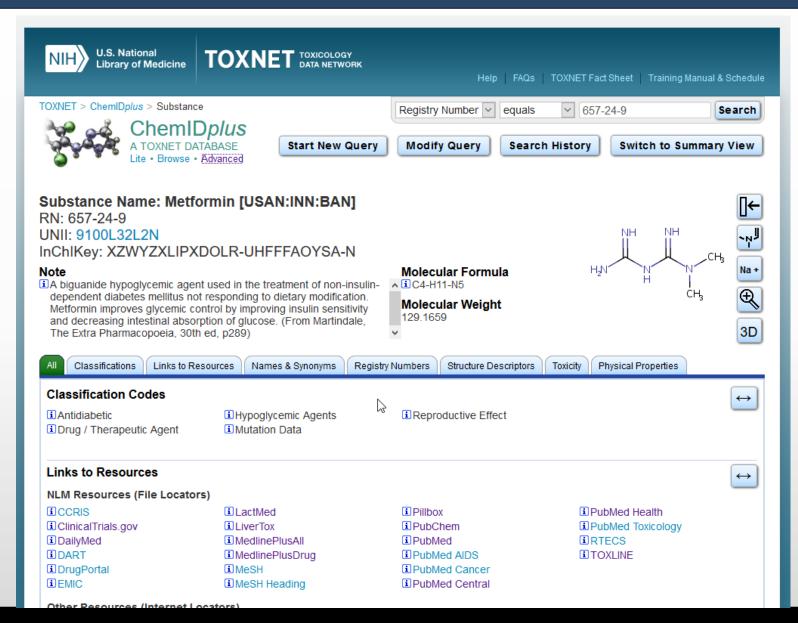
Additional Resources

- ▶ i Information from the US Food & Drug Administration (Drugs@FDA)
- ▶ i Search engine for other government resources (USA.gov)
- Information about drugs in Canada and the U.S. (DrugBank)

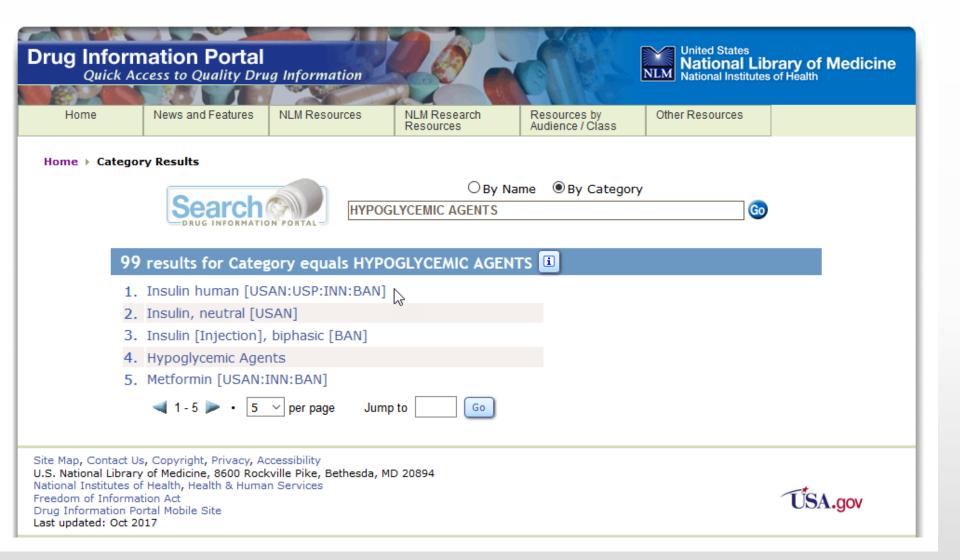
















Home → Resources By Audience/Class

Resources by Audience / Class

- By Audience
 - ▶ The Public
 - Health Professionals
 - Researchers
 - Librarians
 - Student/Educators
 - Population Groups
- By Class
 - Prescription
 - Over-the-counter
 - Dietary Supplements
 - Drugs of Abuse
 - Investigational



By Name OBy Category



Drug resources

What is a warning related to the use of Alprazolam?





Drug Resources

What medication is a white oval with CHX 0.5 printed on it?





Research

ClinicalTrials.gov





Saved Studies (0)

About Studies ▼

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Resources -

About Site ▼

ClinicalTrials.gov is a database of privately and publicly funded clinical studies conducted around the world.

Find Studies -

Explore 257,211 research studies in all 50 states and in 201 countries.

ClinicalTrials.gov is a resource provided by the U.S. National Library of Medicine.

IMPORTANT: Listing a study does not mean it has been evaluated by the U.S. Federal Government. Read our disclaimer for details.

Before participating in a study, talk to your health care provider and learn about the risks and

Search (all fields op	tional)				
Condition / Disease:	e.g. breast cancer	x			
Other Terms:	e.g., NCT number, drug name, investigator nam	x			
Country:	•	X			
Find a study to participate in					



Patients and Families

- •ClinicalTrials.gov offers a reliable and generally comprehensive list of ongoing trials that people might consider enrolling in
- Gives patients a centralized place to search by condition, location, and other trial characteristics
- "Access to more information about clinical trials is good for patients, the public and science," NIH Director Francis S. Collins, M.D., Ph.D.*

* source: NIH (2016) *HHS takes steps to provide more information about clinical trials to the public* retrieved from <u>URL to source</u>

clinicaltrials.gov



Sample Uses of ClinicalTrials.gov

- Access information about specific trial
 - Find trials for potential participants
 - Track progress and protocol changes
 - See results (if available)
- Assess available evidence relevant to a specific clinical topic
- Assess nature of current and past research
- Review methodologies used in clinical trials



ClinicalTrials.gov

ClinicalTrials.gov is a database of privately and publicly funded clinical studies conducted around the world.

Explore 257,334 research studies in all 50 states and in 201 countries.

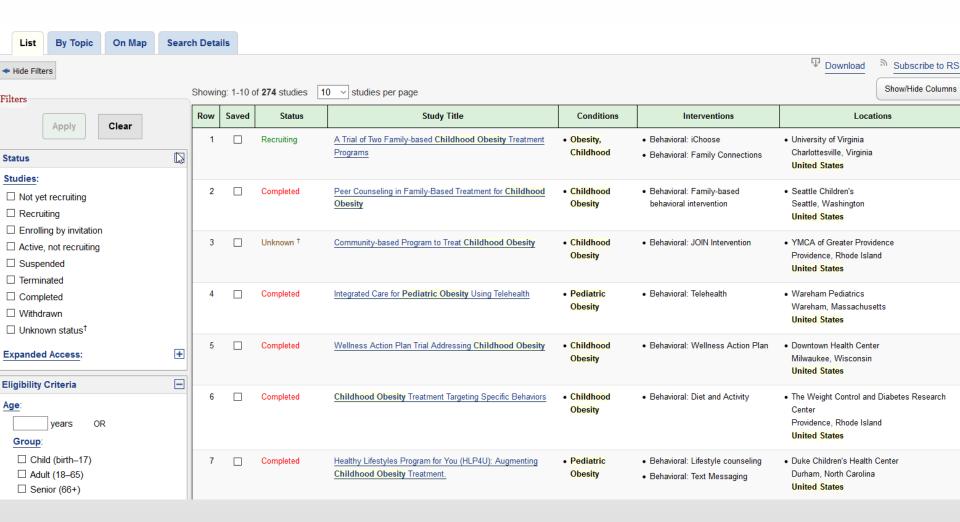
ClinicalTrials.gov is a resource provided by the U.S. National Library of Medicine.

IMPORTANT: Listing a study does not mean it has been evaluated by the U.S. Federal Government. Read our disclaimer for details.

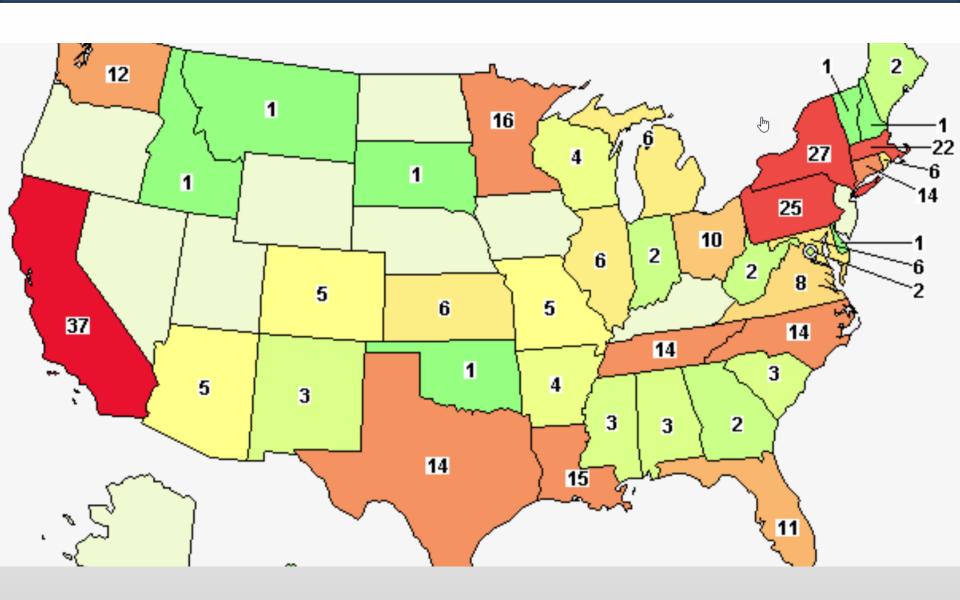
Before participating in a study, talk to your health care provider and learn about the <u>risks and potential</u> benefits.









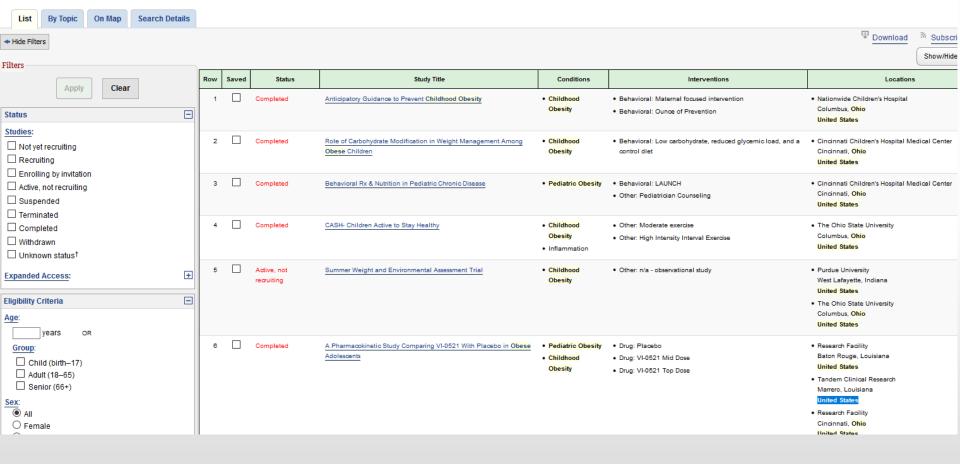




10 Studies found for:

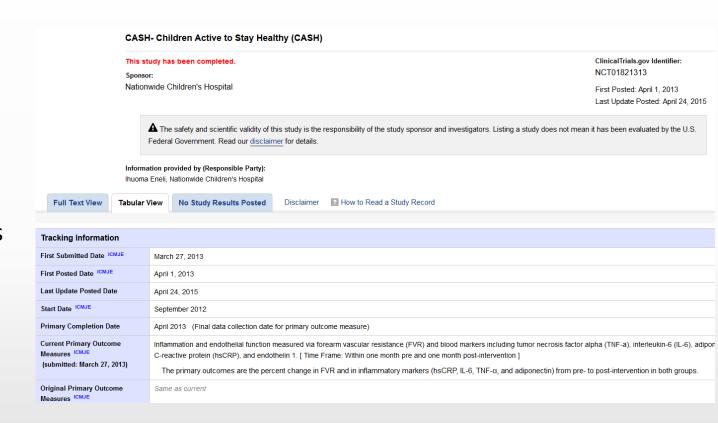
Obesity, Childhood | United States, Ohio

Also searched for Pediatric Obesity and Childhood Obesity. See Search Details





- Purpose
- Study type
- Study design
- Primary and secondary outcome measures
- Start and end date
- Eligibility
- Contact person





More Information

Publications:

Tjønna AE, Stølen TO, Bye A, Volden M, Slørdahl SA, Odegård R, Skogvoll E, Wisløff U. Aerobic interval training reduces cardiovascular risk factors more than a multitreatment approach in overweight adolescents. Clin Sci (Lond). 2009 Feb;116(4):317-26. doi: 10.1042/CS20080249.

Tyldum GA, Schjerve IE, Tjønna AE, Kirkeby-Garstad I, Stølen TO, Richardson RS, Wisløff U. Endothelial dysfunction induced by post-prandial lipemia: complete protection afforded by high-intensity aerobic interval exercise. J Am Coll Cardiol. 2009 Jan 13;53(2):200-6. doi: 10.1016/j.jacc.2008.09.033.

Haram PM, Kemi OJ, Lee SJ, Bendheim MØ, Al-Share QY, Waldum HL, Gilligan LJ, Koch LG, Britton SL, Najjar SM, Wisløff U. Aerobic interval training vs. continuous moderate exercise in the metabolic syndrome of rats artificially selected for low aerobic capacity. Cardiovasc Res. 2009 Mar 1;81(4):723-32. doi: 10.1093/cvr/cvn332. Epub 2008 Dec 1.

Cardiovasc Res. 2009 Mar 1;81(4):723-32. doi: 10.1093/cvr/cvn332. Epub 2008 Dec 1.

Aerobic interval training vs. continuous moderate exercise in the metabolic syndrome of rats artificially selected for low aerobic capacity.

Haram PM¹, Kemi OJ, Lee SJ, Bendheim MØ, Al-Share QY, Waldum HL, Gilligan LJ, Koch LG, Britton SL, Najjar SM, Wisløff U.

Author information

Abstract

AIMS: The recent development of a rat model that closely resembles the metabolic syndrome allows to study the mechanisms of amelioration of the syndrome by exercise training. Here, we compared the effectiveness for reducing cardiovascular risk factors by exercise training programmes of different exercise intensities.

METHODS AND RESULTS: Metabolic syndrome rats were subjected to either continuous moderate-intensity exercise (CME) or high-intensity aerobic interval training (AIT). AIT was more effective than CME at reducing cardiovascular disease risk factors linked to the



	Full Text View	Tabular View	Study Results	Disclaimer			
		Results First Submitted: October 28, 2016					
		Study Type	: Interventional				
		Study Design	: Allocation: Ran	andomized; Intervention Model: Parallel Assignment; Masking: None (Open Label); Primary Purpose: Prevention			
		Condition	: Childhood Ob	besity			
		Interventions	201101111111111111111111111111111111111	tandard Care loderate Dose Motivational Interviewing igher Dose Motivational Interviewing			
➤ Participant Flow							
=	Hide Participant Flow						
Re	Recruitment Details						

Key information relevant to the recruitment process for the overall study, such as dates of the recruitment period and locations

No text entered.

Pre-Assignment Details

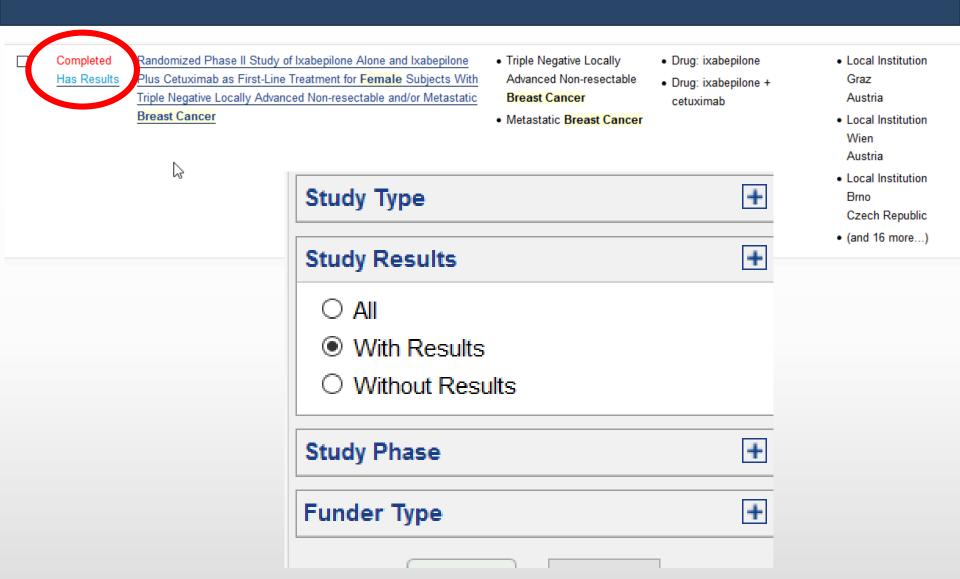
Significant events and approaches for the overall study following participant enrollment, but prior to group assignment

No text entered.

Reporting Groups

	Description
Standard Care With Education Materials	Standard Care: Practitioners will receive 2 hour chesity lecture and 1/ day protectal training. Families recruited are given parent of





Clinicaltrials.gov beta version

- As of Nov. 3 2017, the beta version of this site is available for public testing
- New features include:
 - Updated way to search for recruiting and not yet recruiting studies
 - Filter search based on number of miles away
 - Updated search results page
 - "glossary" feature to provide definitions

https://clinicaltrials.gov/beta/



Clinicaltrials.gov

How many studies regarding early onset Alzheimer's Disease are currently recruiting participants in the United States?



clinicaltrials.gov





PubMed ▼

Search

Advanced

Help



PubMed

PubMed comprises more than 27 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.

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Clinical Queries

Topic-Specific Queries

More Resources

MeSH Database

Journals in NCBI Databases

Clinical Trials

E-Utilities (API)

LinkOut

Latest Literature

New articles from highly accessed journals

Am J Kidney Dis (4)

Biochim Biophys Acta (5)

Clin Ther (1)

Gut (5)

J Am Coll Cardiol (1)

Trending Articles

PubMed records with recent increases in activity

Glucose feeds the TCA cycle via circulating lactate. Nature 2017

Guidelines for morpholino use in zebrafish.

PLoS Genet. 2017.

Inflammatory memory sensitizes skin epithelial stem cells to tissue damage.

PubMed Commons

Featured comments

Updating connections: Author D Vaulot provides new links for protist ribosomal reference database & project log. bit.ly/2fWQbS8

Oct 23

Teasing apart isoform silencing: M Koksharov discusses considerations for siRNA knockdown of a transcription factor. bit.ly/2fGlByu



What is PubMed?

- The world's premiere biomedical bibliographic database
- Contains more that 25 million citations to journal articles in these major content areas:
 - Biomedical Sciences
 - Nursing, Dentistry, Pharmacy and Allied Health
 - Veterinary Medicine
 - Preclinical sciences

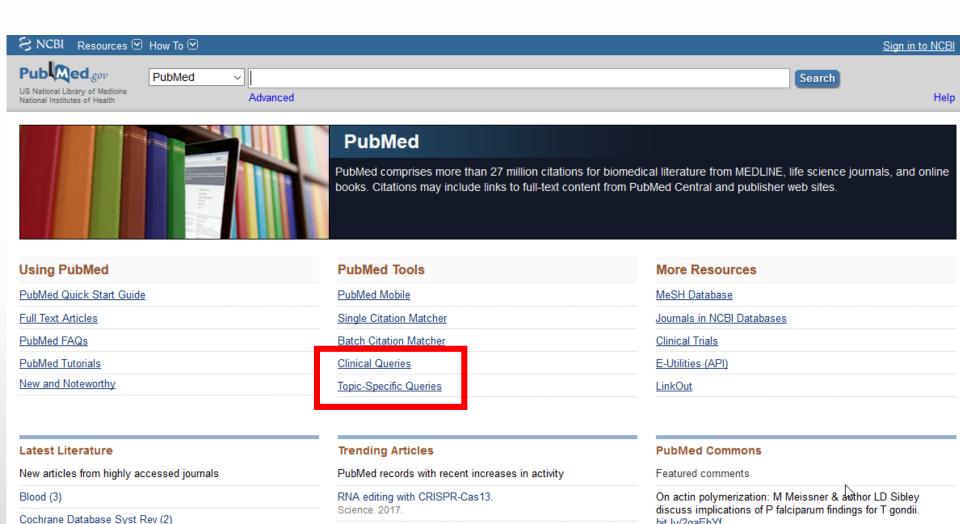
pubmed.gov



Ways to speed up a clinical search

- Use clinical queries to limit to clinical research areas
- Use topic filters to limit your search quickly





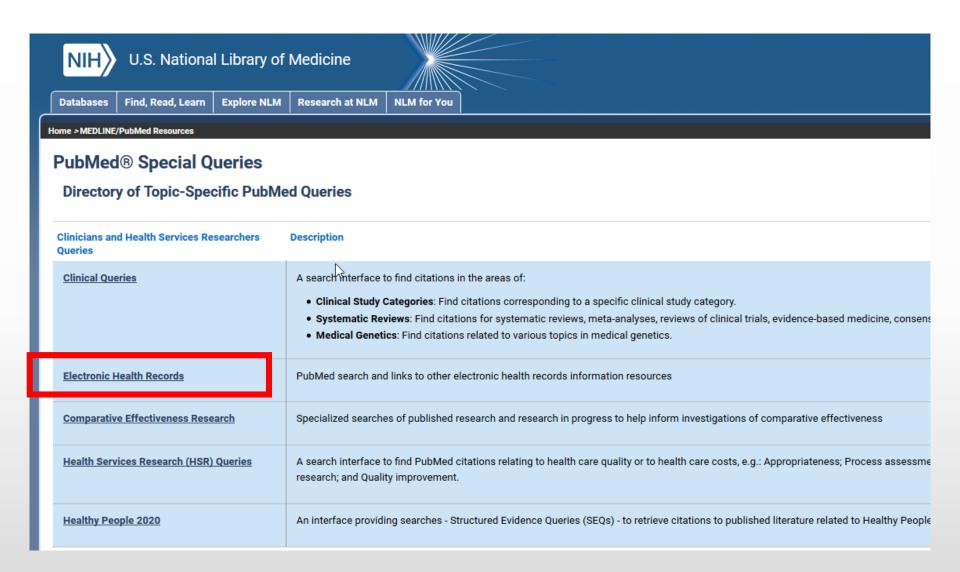


PubMed Clinical Queries

Results of searches on this page are limited to specific clinical research areas. For comprehensive searches, use PubMed directly.

systemic lupus erythematosus Search				
Clinical Study Categories	Systematic Reviews	Medical Genetics Topic: Genetic Testing		
Category: Therapy V				
Scope: Broad v				
Results: 5 of 16615	Results: 5 of 1027	Results: 5 of 4793		
Systemic lupus erythematosus with and without a family	Association between Systemic Lupus Erythematosus and	Profiling RNA-Seq at multiple resolutions markedly increase the number of causal eQTLs in autoimmune disease.		
history: a meta-analysis. Chen LY, Shi ZR, Tan GZ, Han YF, Tang ZQ, Wang L.	Periodontitis: A Systematic Review and Meta-analysis. Rutter-Locher Z. Smith TO, Giles I, Sofat N.	Odhams CA, Cunninghame Graham DS, Vyse TJ.		
Lupus. 2017 Jan 1; :961203317739133. Epub 2017 Jan 1.	Front Immunol. 2017; 8:1295. Epub 2017 Oct 17.	PLoS Genet. 2017 Oct 23; 13(10):e1007071. Epub 2017 Oct 23.		
Analysis of changes in joint function and peripheral blood mononuclear cells in patients with systemic lupus	Systemic lupus erythematosus with and without a family history: a meta-analysis.	Systemic autoimmune diseases are associated with an increased risk of bipolar disorder: A nationwide population-		
erythematosus and intervention effects of different drugs.	Chen LY, Shi ZR, Tan GZ, Han YF, Tang ZQ, Wang L.	based cohort study.		
Zhou QS, Hu J, Hu H. Eur Rev Med Pharmacol Sci. 2017 Oct; 21(19):4423-4430.	Lupus. 2017 Jan 1; :961203317739133. Epub 2017 Jan 1.	Wang LY, Chiang JH, Chen SF, Shen YC. J Affect Disord. 2017 Oct 7; 227:31-37. Epub 2017 Oct 7.		
Efficacy and Safety of Atacicept in Patients with Systemic	Predictive biological markers of systemic lupus erythematosus flares: a systematic literature review. Gensous N, Marti A, Barnetche T, Blanco P, Lazaro E, Seneschal J, Truchetet ME, Duffau P, Richez C, FHU ACRONIM Arthritis Res Ther. 2017 Oct 24; 19(1):238. Epub 2017 Oct 24.	Autoimmune retinopathy associated with systemic lupus		
Lupus Erythematosus: Results of a 24-week Randomized,		erythematosus: A diagnostic dilemma.		
Placebo-Controlled, Phase IIb Study. Merrill JT, Wallace DJ, Wax S, Kao A, Fraser PA, Chang P, Isenberg D.		Wuthisiri W, Lai YH, Capasso J, Blidner M, Salz D, Kruger E, Levin AV. Taiwan J Ophthalmol. 2017 Jul-Sep; 7(3):172-176.		
Arthritis Rheumatol. 2017 Oct 26; . Epub 2017 Oct 26. A Retrospective Medical Record Review of Utilization Patterns	The multifactorial origin of posterior reversible encephalopathy syndrome in cyclophosphamide-treated lupus patients.	Expression patterns of signaling lymphocytic activation molecule family members in peripheral blood mononuclear		
and Medical Resource Use Associated with Repository	Zekić T, Benić MS, Antulov R, Antončić I, Novak S. Rheumatol Int. 2017 Oct 17; . Epub 2017 Oct 17.	subsets in patients with systemic lupus erythematosus.		
Corticotropin Injection among Patients with Rheumatologic Diseases in the United States		Karampetsou MP, Comte D, Kis-Toth K, Kyttaris VC, Tsokos GC.		
Velson WW, Philbin MJ, Gallagher JR, Heap K, Carroll S, Wan GJ.	Autoimmune comorbidity in chronic spontaneous urticaria: A systematic review. Kolkhir P, Borzova E, Grattan C, Asero R, Pogorelov D, Maurer M. Autoimmun Rev. 2017 Oct 14; Epub 2017 Oct 14.	PLoS One. 2017; 12(10):e0186073. Epub 2017 Oct 11.		
Rheumatol Ther. 2017 Oct 25; . Epub 2017 Oct 25.		SHIP-1 Deficiency in AID ⁺ B Cells Leads to the		
Association between a history of periodontitis and the risk of		Impaired Function of B10 Cells with Spontaneous Autoimmunity.		
systemic lupus erythematosus in Taiwan: A nationwide, population-based, case-control study.	See all (1027)	Chen Y, Hu F, Dong X, Zhao M, Wang J, Sun X, Kim TJ, Li Z, Liu W. J Immunol. 2017 Nov 1; 199(9):3063-3073. Epub 2017 Oct 2.		
Wu YD, Lin CH, Chao WC, Liao TL, Chen DY, Chen HH.				









MEDLINE/PubMed Search & Electronic Health Record Information Resources

The Electronic Health Record search focuses on all aspects of the Electronic Health Record. Subjects include: implementation, attitudes, beliefs and use, data privacy, health data standards and consumer access to the EHR and personal health records (PHRs).

The US Department of Health and Human Services (HHS) and <u>HL7</u> standards define the electronic health record as "An electronic record of health-related information on an individual that conforms to nationally recognized interoperability standards and that can be created, managed, and consulted by authorized clinicians and staff across more than one health care organization." The National Library of Medicine® is a major participant in electronic health record development.

MEDI INE®/PubMod® Soarch

Perform the electronic health record search in PubMed® to retrieve citations to journal literature.

NOTE: The string passed in the link above is very long. The link may not work properly in all browsers. Firefox works best.

See the details of the search strategy.

Electronic Health Record Information Resources

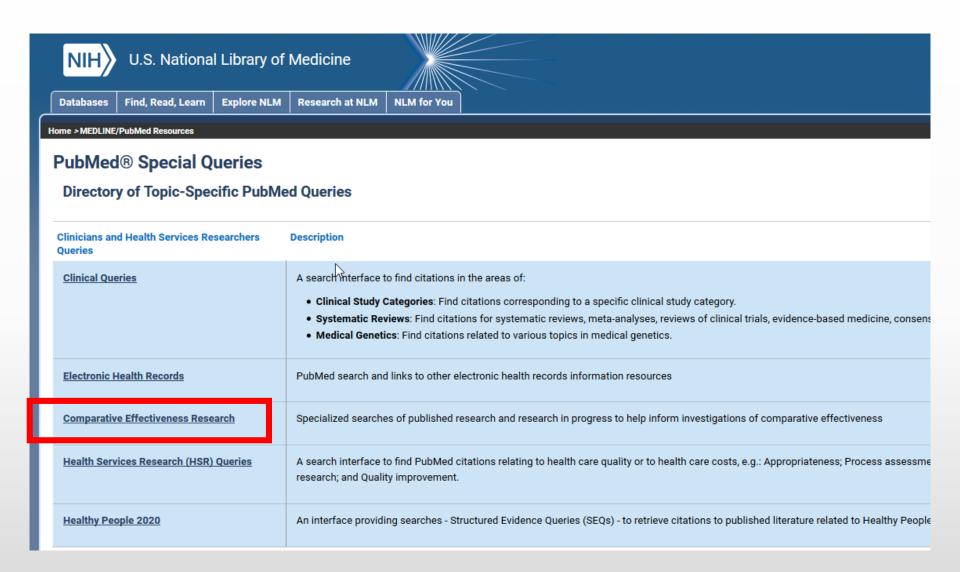
- National Library of Medicine (NLM®)
- US Department of Health & Human Services (HHS)
- · Associations & Foundations
- Publications

Return to top

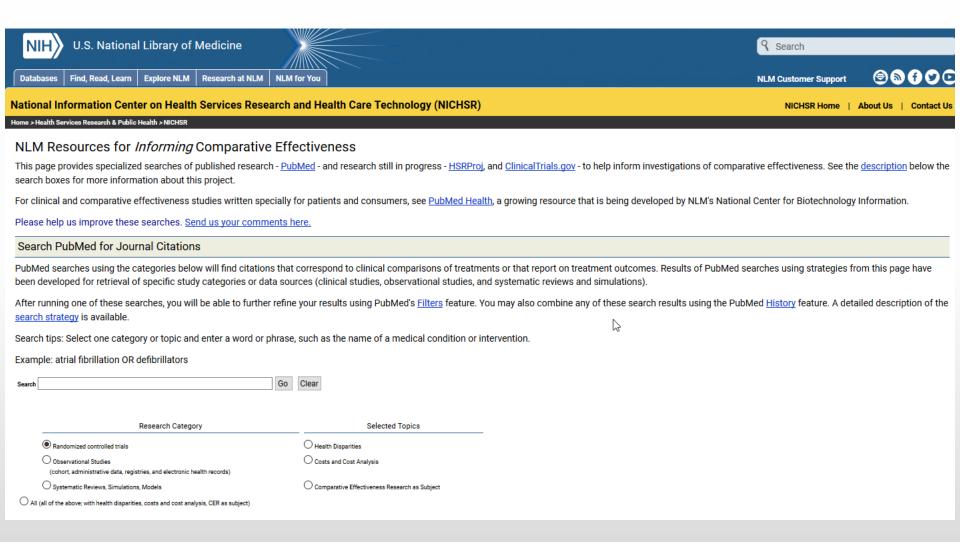
National Library of Medicine (NLM)

- NLM Long Range Plan, 2006-2016, Goal 3: Integrated Biomedical, Clinical, and Public Health Information Systems that Promote Scientific Discovery and Speed the Translation of Research into Practice
- Health Information Technology and Health Data Standards at NLM
 NLM is the central coordinating body for clinical terminology standards within the Department of Health and Human Services (HHS)

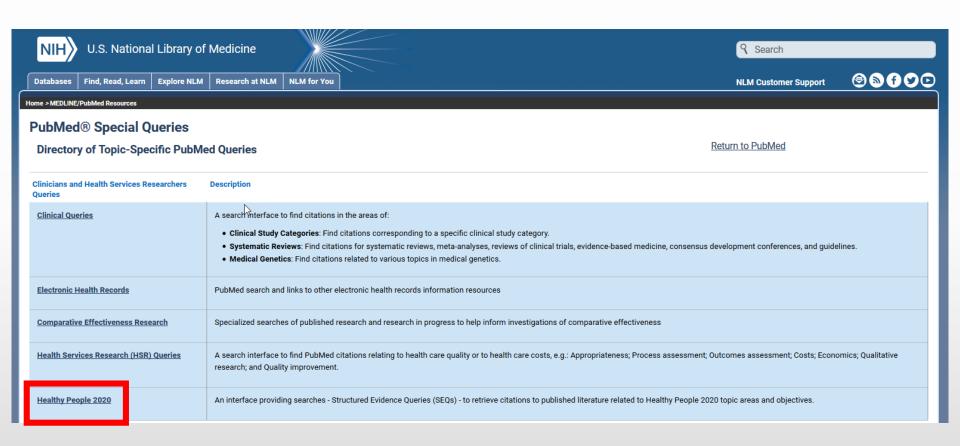
















A collaboration of U.S. government agencies, public health organizations and health sciences libraries

Q Search PHPartners



HP2020 LHI SEQ Home | HP2020 | Partners Home | Suggest Link

Healthy People 2020 Structured Evidence Queries

Practice Informed by Research

This resource provides pre-formulated PubMed search strategies to find published literature to support achieving Healthy People 2020 objectives.

Search by Topic Area | About this Project | FAQs | Give Us Feedback | Handout | Contributors

Search by Topic Area

Access to Health Services

Adolescent Health

Arthritis, Osteoporosis, and Chronic Back Conditions

Blood Disorders and Blood Safety

Chronic Kidney Disease

Dementias, Including Alzheimer's Disease

<u>Diabetes</u>

Early and Middle Childhood

Environmental Health

Family Planning

Food Safety

Genomics

Health Communication and Health IT

Healthcare-Associated Infections

Heart Disease and Stroke

HIV

Maternal, Infant, and Child Health

Medical Product Safety

Mental Health and Mental Disorders

Nutrition and Weight Status

Occupational Safety and Health

Oral Health

Physical Activity

<u>Preparedness</u>

Respiratory Diseases

Sexually Transmitted Diseases

Sleep Health

Substance Abuse

Tobacco Use

Vision



Subjects	Description
AID	Limits search to the PubMed AIDS subset
Bioethics	Bioethics Information Resource page providing a PubMed search function using the PubMed Bioethics subset, and links to additional bioethics-related resources.
Cancer	Limits search to the PubMed <u>Cancer subset</u>
Complementary Medicine	Limits search to the PubMed Complementary Medicine subset
<u>Dietary Supplements</u>	Limits search to the PubMed <u>Dietary Supplements subset</u>
Health Disparities	PubMed search and links to other health disparities information resources
Health Literacy	PubMed search and links to other health literacy information resources
<u>History of Medicine</u>	Limits search to the PubMed <u>History of Medicine subset</u>
Population Health	PubMed search for Population Health
Research Reporting Guidelines and Initiatives	PubMed search link and links to organizations responsible for developing the guidelines that provide advice for reporting research methods and findings.
Space Life Sciences	PubMed Space Life Sciences search



PubMed

What is one research article in PubMed related to the Healthy People 2020 objective to Reduce the proportion of adolescents who have been offered, sold, or given an illegal drug on school property"?



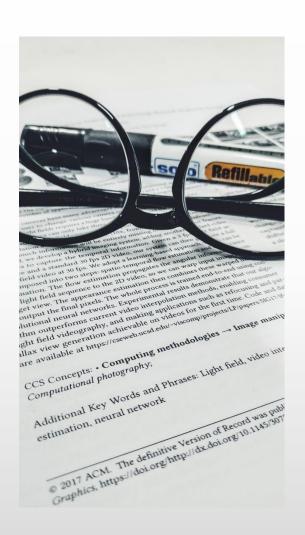
pubmed.gov



PubMed

Locate an article for a clinician regarding therapy for multiple sclerosis

pubmed.gov





Clinical Effectiveness and Clinical Guidelines





Clinical eCompanion

Information for primary care





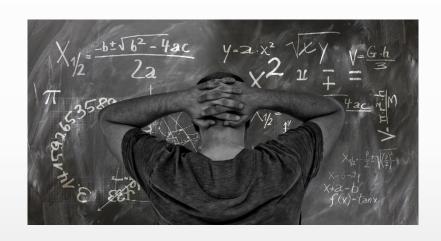






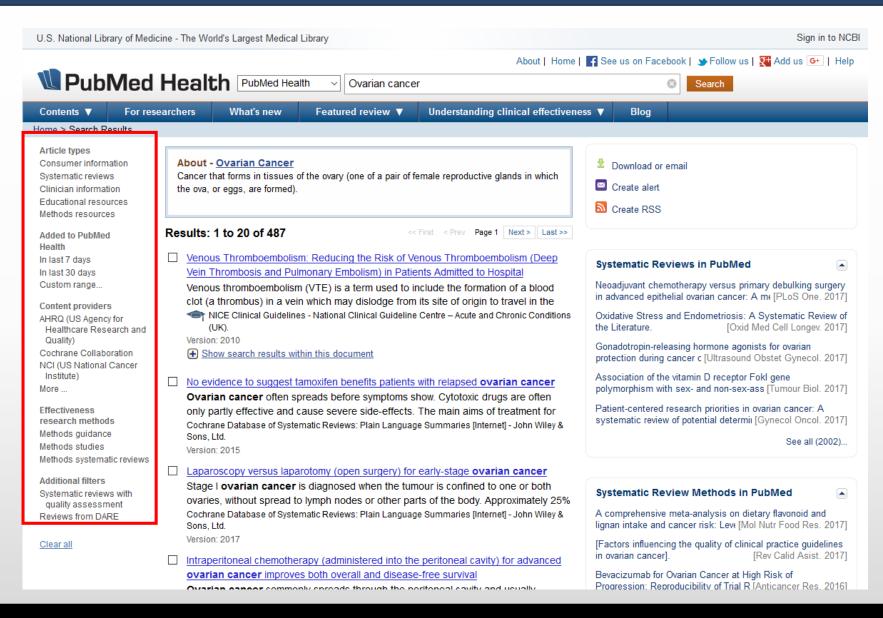
PubMed Health

- Specializes in reviews of clinical effectiveness research
- Information for both clinicians and consumers
- In May 2016, there were over 40,000 systematic reviews in PubMed Health.



www.ncbi.nlm.nih.gov/pubmedhealth







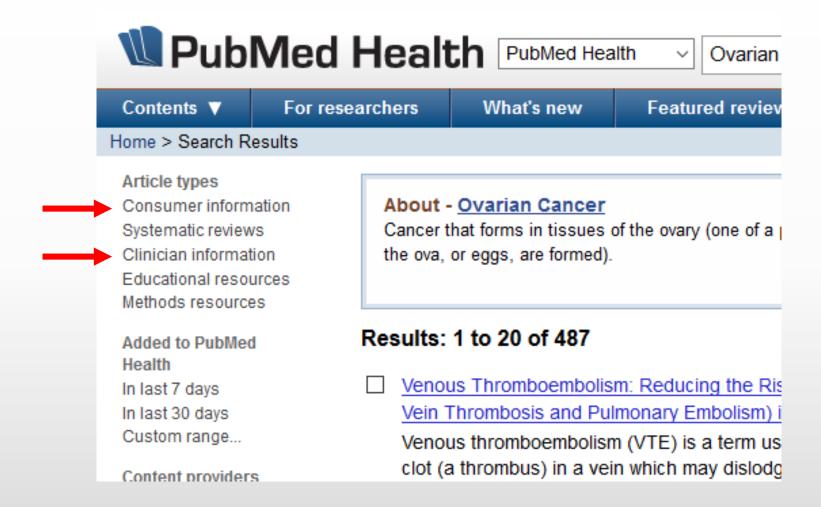
review was to assess the effects of tamoxifen in women with relapsed ovarian cancer.

Search methods: We searched the Cochrane Central Register of Controlled Trials (CENTRAL), Issue 1, 2009. Cochrane Gynaecological Cancer Group Trials Register, MEDLINE from 2002 to April 2009, EMBASE from 2002 to April 2009. We also searched registers of clinical trials, abstracts of scientific meetings, reference lists of review articles and contacted experts in the field, as well as drugs companies.

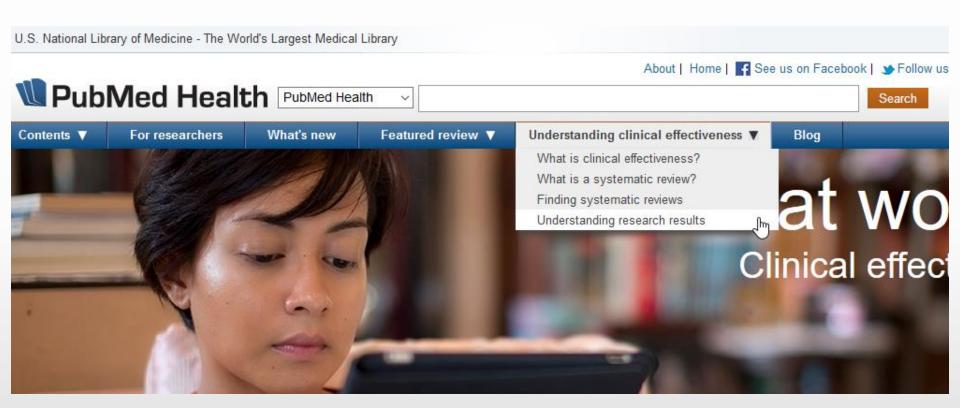
Selection criteria: Randomised and non-randomised studies of tamoxifen in women with ovarian cancer who have not responded to conventional chemotherapy. Only trials involving 10 or more patients were included.

Data collection and analysis: Two review authors independently assessed whether potentially relevant studies met the inclusion criteria. No trials were found and therefore no data were analysed.

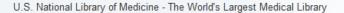












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Better research for better healthcare

How we can know if a treatment works

Things you need to know



How to read health news

What to know about screening

Why randomization is important

PubMed Health Blog...



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read all...

Smart health choices



Making sense of health advice

Develop the skills for informed decisions

Systematic Reviews in PubMed



Do adjuvants add to the efficacy and tolerance of howal pranaratione? A mata-anal [Endocony 2017]

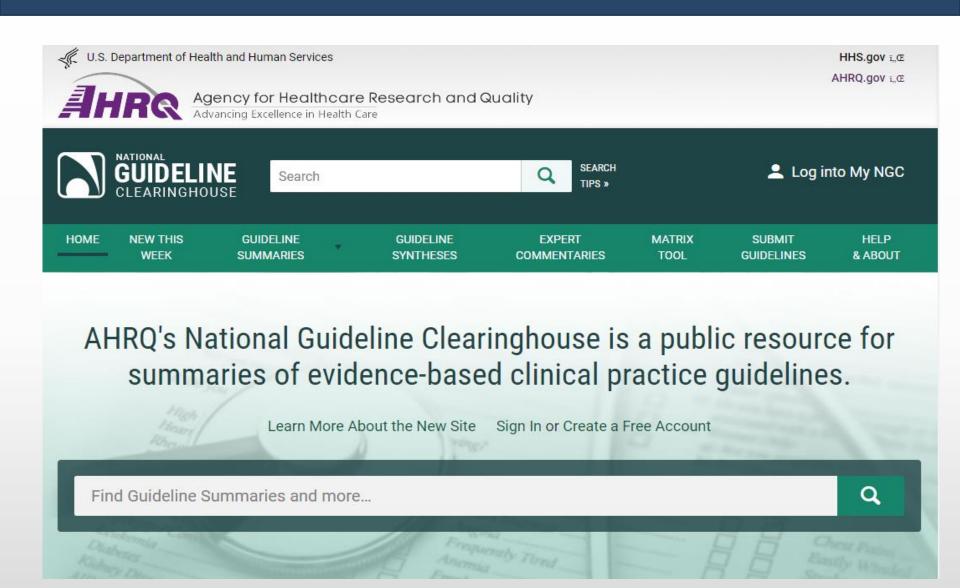
PubMed Health

A clinician is wondering what the research suggests about the management of latent tuberculosis. What is one finding?



www.ncbi.nlm.nih.gov/pubmedhealth







National Guideline Clearinghouse

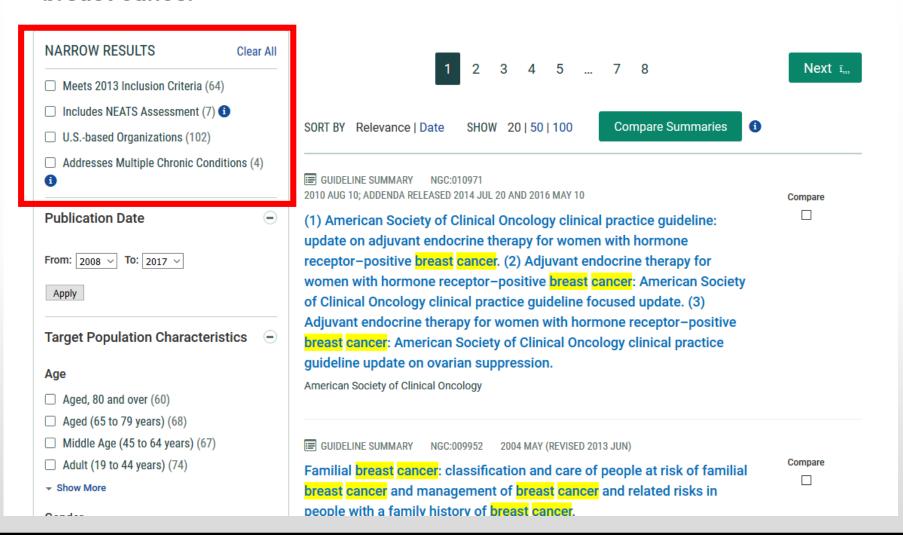
- Resource from the Agency for Healthcare Research and Quality (AHRQ)
- Offers healthcare providers with an accessible way to locate objective and detailed information on clinical practice guidelines
- Uses the definition of clinical practice guideline that was developed by the Institute of Medicine: *"Clinical practice guidelines are statements that include recommendations intended to optimize patient care that are informed by a systematic review of evidence and an assessment of the benefits and harms of alternative care options."

Guideline.gov

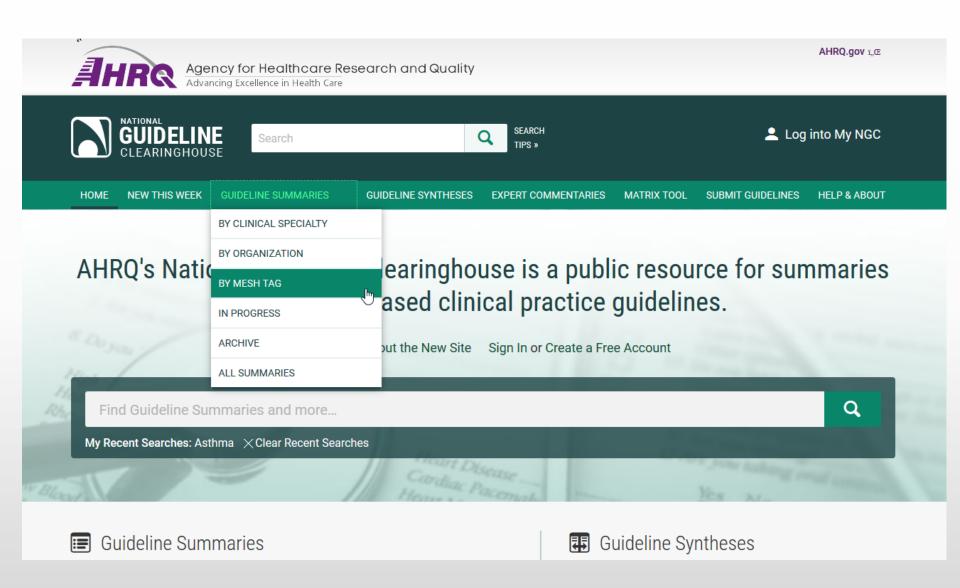


^{*} Institute of Medicine. Graham R, Mancher M, Wolman DM, Greenfield S, Steinberg E, editor(s). Clinical practice guidelines we can trust. Washington (DC): National Academies Press; 2011. 2p. Also available: url to source

"breast cancer"









Browse by Clinical Specialty

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By Clinical Specialty

By MeSH Tag

By Organization

The following concepts classify the clinical specialties that might use the guideline professionally. For more information on each topic, view the Glossary:

Allergy and Immunology (54)

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Cardiology (197)

Chiropractic (21)

Colon and Rectal Surgery (40)

Critical Care (154)

Dentistry (32)

Dermatology (62)

Emergency Medicine (249)

Endocrinology (142)

Family Practice (1047)

Gastroenterology (173)

Geriatrics (222)

Hematology (140)

Infectious Diseases (170)

Internal Medicine (1029)

Medical Genetics (78)

Nephrology (82)

Neurological Surgery (120)

Neurology (269)

Nuclear Medicine (108)

Nursing (277) Nutrition (110)

Obstetrics and Gynecology

(352)

Oncology (440)

Ophthalmology (44)

Optometry (11)

Orthopedic Surgery (128)

Otolaryngology (56)

Pathology (106)

Pediatrics (437)

Pharmacology (86)

Physical Medicine and

Rehabilitation (126)

Plastic Surgery (17)

Podiatry (22)

Preventive Medicine (300)

Psychiatry (119)

Psychology (121)

Pulmonary Medicine (172)

Radiation Oncology (165)

Radiology (378)

Rheumatology (67)

Sleep Medicine (27)

Speech-Language Pathology

(34)

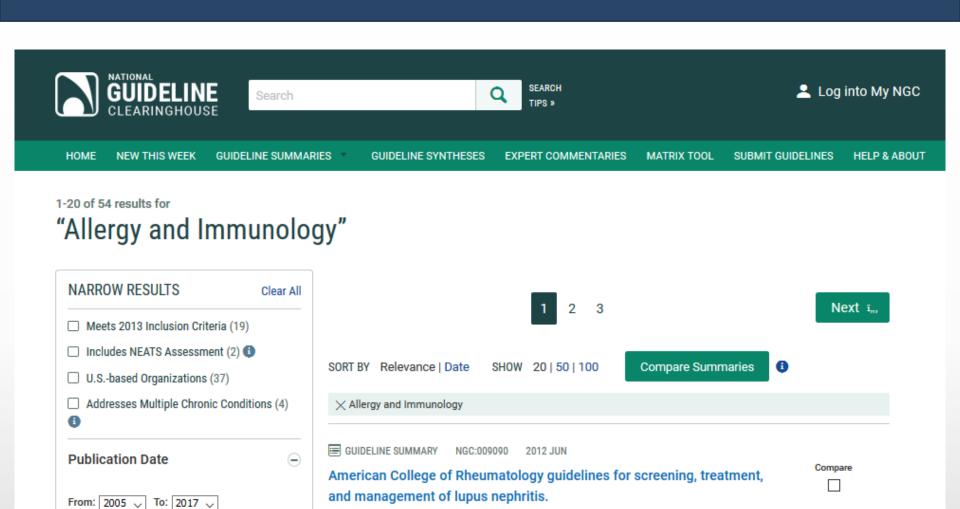
Sports Medicine (32)

Surgery (323)

Thoracic Surgery (92)

Urology (113)





NGC:009208

2012 JAN

American College of Rheumatology

■ GUIDELINE SUMMARY



Apply

Target Population Characteristics

Compare

Multiple Chronic Conditions • 1

- American Academy of Dermatology (6)
- American Academy of Family Physicians (AAFP) (3)



2017 MAR 21 NGC:011186

Pharmacologic treatment of hypertension in adults aged 60 years or older to higher versus lower blood pressure targets: a clinical practice guideline from the American College of Physicians and the American Academy of Family Physicians.

1995 APR (REVISED 2014 MAY) NGC:010686

Clinical practice guideline: planning for labor and vaginal birth after cesarean.

2009 JAN (REAFFIRMED 2014) NGC:008078

AAFP guideline for the detection and management of post-myocardial infarction depression.

- American Academy of Neurology (45)
- American Academy of Ophthalmology (3)
- American Academy of Orthopaedic Surgeons (AAOS) (18)



By MeSH Tag By Clinical Specialty By Organization Go to Section ▼ Disease/Condition Anatomy (14) Organisms (15) Diseases (1618) Chemicals and Drugs (21) Analytical, Diagnostic and Therapeutic Techniques and Equipment (261)Psychiatry and Psychology (400) Phenomena and Processes (410) Anthropology, Education, Sociology and Social Phenomena (70) Humanities (6)

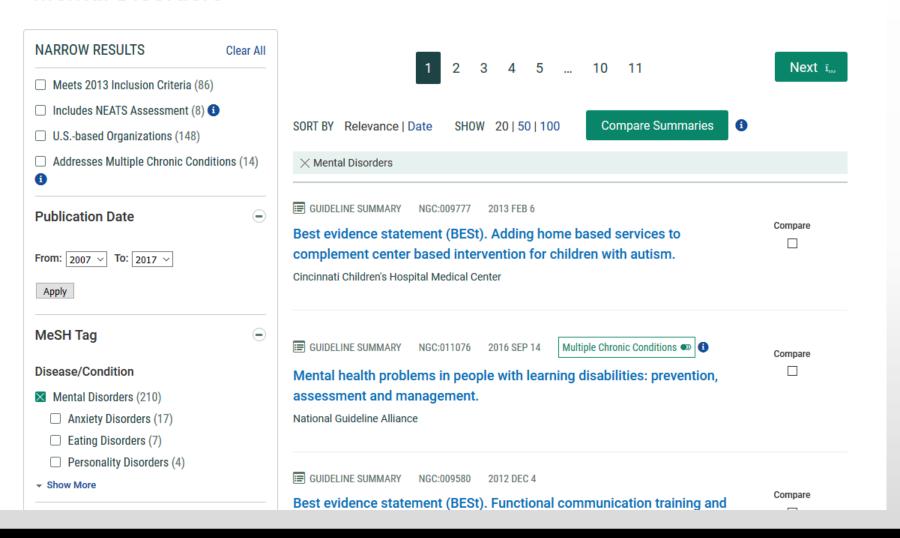


Go to Section ▼ Disease/Condition Anatomy (14) Organisms (15) Diseases (1618) Chemicals and Drugs (21) Analytical, Diagnostic and Therapeutic Techniques and Equipment (261)Psychiatry and Psychology (400) Behavior and Behavior Mechanisms (148) Mental Disorders (210) Psychological Phenomena and Processes (149)



1-20 of 210 results for

"Mental Disorders"





National Guideline Clearinghouse

What does the U.S. Preventive Services Taskforce recommend regarding screening for gestational diabetes?



Guideline.gov

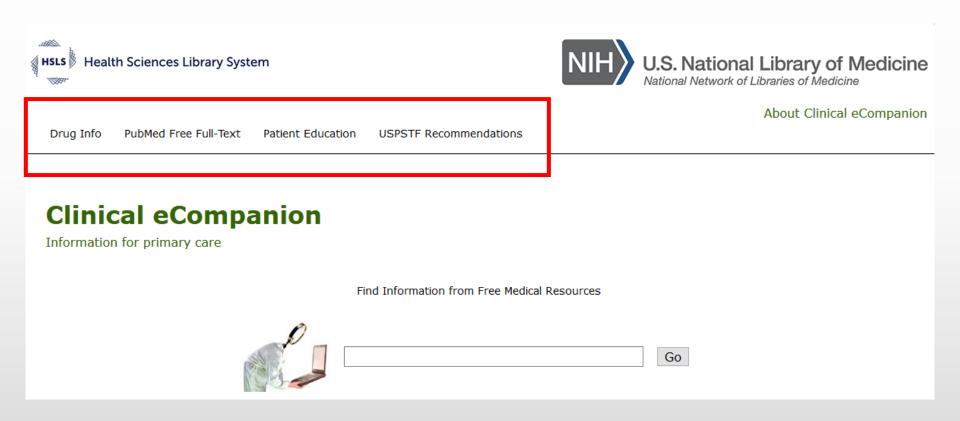


- A search engine for primary care providers to answer clinical questions at the point of care
- Developed for healthcare providers without access to subscription databases
- Searches free, reliable clinical resources



ecompanion.pitt.edu







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365 Everyday Value Echinacea Blend

LanguaL Code(s)

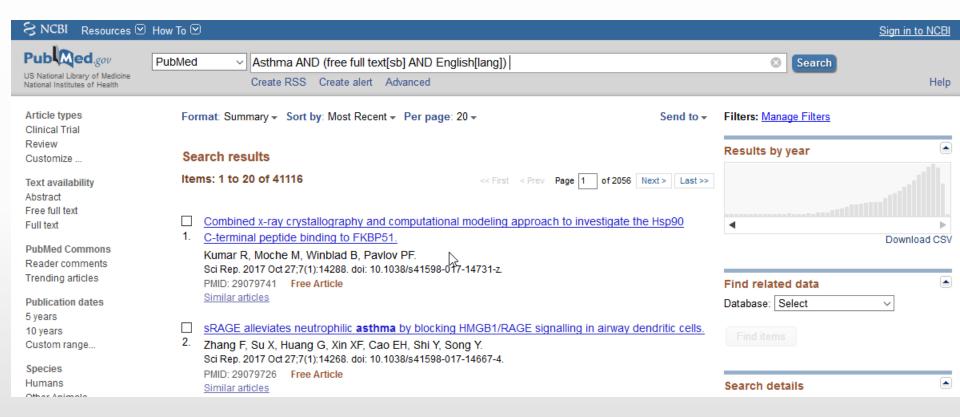
Product Type:

The information provided about this dietary supplement product is a complete representation of the manufacturer's label contents on the date that the data was entered on June 24, 2016. The DSLD includes all information available on the product label. "NP" indicates that the information is "not provided on label". NP does not imply that a product label is lacking information required by the U.S. Government.

Product Information Dietary S	upplement Facts Label Statements Contact Information			
General Information				
DSLD ID:	60782			
NHANES ID:	1-001-0471-00			
Product Name:	365 Everyday Value Echinacea Blend			
Brand:	365 Everyday Value Products by this Brand			
Product Trademark/ Copyright Symbol:	TM			
SKU:	0 99482 41226 5			
Outer Packaging:	Not Present			
Statement of Identity:	Herbal Supplement			
Outer Packaging: Statement of Identity: Herbal Supplement Serving Information				
Serving Size:	1.0 Tablet(s)			
Suggested Use:	Directions: Take 1 tablet, 2 times daily between meals.			
Net Contents Quantity:	100.0 Tablet(s)			

DIETARY SUPPLEMENT, HERBAL OR BOTANICAL [A1306]







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Grade Definitions

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Tools

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Browse by Topic

Browse by Grade

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Search for Recommendations

Search results for: a female, 45 years old, sexually active, a tobacco user.

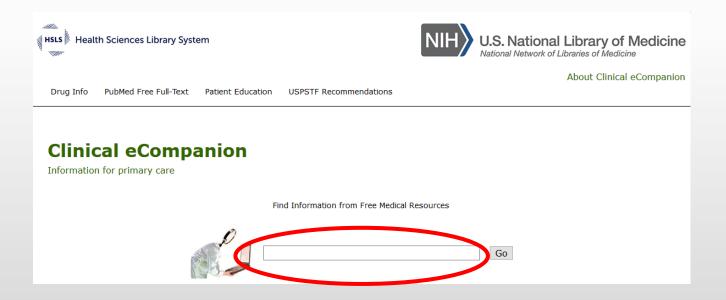
New Search

* Indicates an old grade definition

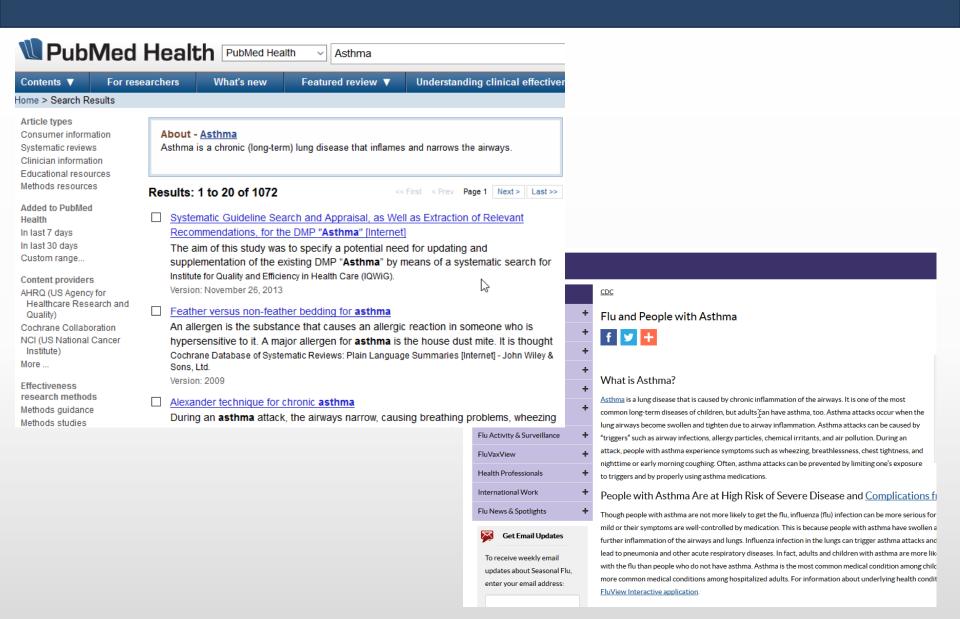
	www.dd (1 B)		
3 - Reco	mmended (A, B)		
Grade	Title	Risk Info.	Details
Α	Cervical Cancer: Screening – Women 21 to 65 (Pap Sn Sar) or 30-65 (in combo with HPV testing)		(⊕
Α	Folic Acid for the Prevention of Neural Tube Defects: Preventive MedicationWomen who are planning or capable of pregnancy		•
Α	HIV: Screening - Adolescents and Adults		(
Α	High Blood Pressure: Screening and Home Monitoring – Adults	200	•
Α	Syphilis: ScreeningAsymptomatic, nonpregnant adults and adolescents who are at increased risk for syphilis infection		•
Α	Tobacco Smoking Cessation: Behavioral and Pharmacotherapy Interventions Adults who are not pregnant	208	(€
Α	Tobacco Smoking Cessation:Behavioral Interventions Pregnant Women	208	•
В	Alcohol Misuse: Screening and Behavioral Counseling Interventions in Primary Care — Adults		•
В	BRCA-Related Cancer: Risk Assessment, Genetic Counseling, & Genetic Testing — Women at Increased Risk	200	•
В	Breast Cancer: Preventive Medications Women At Increased Risk	208	•



- National Guideline Clearinghouse
- Effective Health Care Program Research Summaries, Reviews, and Reports
- Centers for Disease Control & Prevention A-Z index and MMWR
- NHS Evidence Search ARUP Consult: the Physician's Guide to Laboratory Test Selection and Interpretation
- Radiopaedia.org









Information for primary care



Asthma

Find term in: Drug Info - PubMed Free Full Text - Patient Education



Topic Source

Top 186 Results re

- remix
- + Health (46)
- + Pulmonary (26)
- + Review (23)
- + Care (19)
- + Treating Severe (14)
- + Asthma Management (12)
- + Chronic asthma (12)
- + Influenza (11)
- + Occupational (11)
- + Rhinitis (8)

more | all

1. CDC - Asthma new window

... Search Form Controls Cancel Submit Search The CDC Asthma Note: Javascript is disabled or is not supported ... CDC.gov . Recommend on Facebook Tweet Share CDC A-Z

2. CDC - MMWR - MMWR Publications - MMWR Weekly: Past Volume (1996) new window

... Injuries -- Louisiana, 1994-1995 Human Ehrlichiosis -- Maryland, 1994 **Asthma** Surveillance Programs in Public Health Departments -- United States ... States, 1995 Hospitalization Among Children and Young Adults -- ...

CDC Morbidity and Mortality Weekly Report

3. Asthma new window

Radiopaedia

pubmedhealth?term=Asthma new window

The aim of this study was to specify a potential need for updating and supplementation of the existing DMP "Asthma" by means of a systematic search for new evidenc guideline recommendations.

PubMed Health



What is one screening recommended for an 80-year-old male, nonsmoker, who is not sexually active?



ecompanion.pitt.edu



Is there any known drug interaction between Lexapro and Warfarin?

ecompanion.pitt.edu



Thanks!

Erin Seger/ ers166@pitt.edu

This project is funded by the National Library of Medicine, National Institutes of Health, Department of Health and Human Services, under Cooperative Agreement Number UG4LM012342 with the University of Pittsburgh, Health Sciences Library System.

